



... harnessed cables for drive technology ...












## chainflex® readycable® ▶▶

Selection according to manufacturer

Jacket

Page

### Harnessed cables for drive technology

Manufacturer	Cable Types	Jacket	Page
 <b>Allen Bradley/ Rockwell</b>	Motor cables		
	Servo cables		
	Hybrid servo cables	PVC/PUR/TPE	574
	Brake cables		
	Feedback cables		
Adapter cables (transition cable)			
 <b>B&amp;R</b>	Motor cables		
	Servo cables		
	EnDat cables	PVC/PUR/TPE	575
	Encoder cables		
	Resolver cables		
Bus cables			
 <b>Baumüller</b>	Servo cables		
	Resolver cables	PVC/PUR/TPE	575
	Pulse encoder cable		
 <b>Beckhoff</b>	Motor cables		
	Servo cables		
	Hybrid servo cables		
	Encoder cables	PVC/PUR/TPE	578
	Thermal protection cables		
	Resolver cables		
Network cables EtherCAT			
 <b>Berger Lahr</b>	Servo cables	PVC/PUR/TPE	578
	Resolver cables		
 <b>Bosch Rexroth</b>	Motor cables		
	Servo cables	PVC/PUR/TPE	578
	Hybrid servo cables		
	Encoder cables		
 <b>ELAU/ Schneider Electric</b>	Servo cables		
	Hybrid servo cables	PVC/PUR/TPE	581
	Encoder cables		
 <b>FAGOR</b>	Path measuring cables	PUR/TPE	581
 <b>Fanuc</b>	Motor cables		
	Servo cables	PVC/PUR/TPE	581
	Brake cables		
	Signal cables		
 <b>Festo</b>	Servo cables		
	Control cables		
	Encoder cables	PVC/PUR/TPE	582
	Data cables		
Bus cables			
 <b>Heidenhain</b>	Servo cables	PVC/PUR/TPE	582
	Adapter cables		



More harnessed cables for drive technology ▶ Page 566

To make the choice easier for you, we have classified all chainflex® cables according to the criteria "basic requirements, oil resistance and travel distance".














For detailed information see inside the front cover.

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Selection according to manufacturer Jacket Page

## Harnessed cables for drive technology

	<b>Jetter</b>	Motor cables Servo cables Resolver cables	PVC/PUR/TPE	<b>583</b>
	<b>Kollmorgen/ Danaher Motion</b>	Motor cables Servo cables Signal cables	PVC/PUR/TPE	<b>583</b>
	<b>Lenze</b>	Servo cables Fan cables Decoder cables Encoder cables Feedback cables Resolver cables	PVC/PUR/TPE	<b>585</b>
	<b>LinMot</b>	Motor cables Servo cables	PVC/PUR	<b>586</b>
	<b>LTi DRIVES</b>	Servo cables Encoder cables	PVC/PUR/TPE	<b>586</b>
	<b>Mitsubishi Electric</b>	Motor cables Encoder cables	PVC/PUR	<b>587</b>
	<b>Nidec/Control Techniques</b>	Motor cables Servo cables Encoder cables	PVC/PUR/TPE	<b>587</b>
	<b>NUM</b>	Power cables Servo cables Fan cables Encoder cables	PVC/PUR/TPE	<b>588</b>
	<b>Omron</b>	Motor cables Control cables Encoder cables	PVC/PUR/TPE	<b>588</b>
	<b>Parker</b>	Motor cables Resolver cables	PVC/PUR/TPE	<b>589</b>
	<b>SEW</b>	Motor cables Servo cables Hybrid servo cables Control cables Encoder cables	PVC/PUR/TPE	<b>589</b>
	<b>Siemens</b>	Power cables Servo cables Signal cables Signal cables DriveCliq	PVC/PUR/TPE	<b>590</b>
	<b>Stöber</b>	Servo cables Encoder cables	PVC/PUR/TPE	<b>594</b>

More harnessed cables for drive technology ▶ Page 565

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For detailed information see inside the front cover.

## Harnessed cables for drive technology

Example: chainflex® PVC cables for the woodworking industry



### Typical application areas – PVC

- For heavy duty applications
- Light oil influence
- Preferably indoor applications, but also outdoor ones at temperatures > 5°C
- Unsupported travel distances and up to 100m for gliding applications
- Storage and retrieval units for high-bay warehouses, machining units/packaging machines, quick handling, indoor cranes, woodworking

Example: chainflex® PUR cables for the machine tools industry



### Typical application areas – PUR

- For heaviest duty applications
- Almost unlimited resistance to oil
- Indoor and outdoor applications, UV-resistant
- Unsupported travel distances and up to 100m for gliding applications
- Storage and retrieval units for high-bay warehouses, machining units/machine tools, quick handling, cleanroom, semiconductor insertion, outdoor cranes, low-temperature applications

Example: chainflex® TPE cables for outdoor use



### Typical application areas – TPE

- For heaviest duty applications
- Almost unlimited resistance to oil, also with bio-oils
- Indoor and outdoor applications, UV-resistant
- Unsupported travels and up to 400m and more for gliding applications
- Storage and retrieval units for high-bay warehouses, machining units/machine tools, quick handling, cleanroom, semiconductor insertion, ship to shore, outdoor cranes, low-temperature applications

Our product engineers will be happy to advise you in your choice of application-specific cables.

# chainflex® readycable®

Selection chart for igus® chainflex® cables (you can find the green number on

# chainflex® readycable®

the product pages of the respective manufacturers)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
chainflex® series	CF31	CF35.UL	CF38	CF210.UL	CF21.UL	CF270.UL.D	CF27.D	CF211 Mess	CF111.D	CF113.D	CF11.D	CFBUS	CF240.PUR	CF211	CF211.PUR	CF11
Class	5.5.2.1	6.6.4.1	7.6.4.1	4.2.2.1	5.5.2.1	4.2.3.1	6.5.3.1	4.2.2.1	4.2.3.1	6.5.3.1	6.6.4.1	6.6.4.1	4.4.3.1	5.5.2.1	5.5.3.1	6.6.4.1
Outer jacket	PVC	TPE	TPE	PVC	PVC	PUR	PUR	PVC	PUR	PUR	TPE	TPE	PUR	PVC	PUR	TPE
Shielded	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Minimum bend radius	7.5 x d	7.5 x d	7.5 x d	10 x d	7.5 x d	10 x d	7.5 x d	10 x d	10 x d	7.5 x d	7.5 x d	10 - 12.5 x d	10 x d	7.5 x d	7.5 x d	6.8 x d
Travel distance [m]	≤ 100	≤ 400	≤ 400	≤ 10	≤ 100	≤ 10	≤ 100	≤ 10	≤ 10	≤ 100	≤ 400	≤ 400	≤ 50	≤ 100	≤ 100	≤ 400
Oil-resistant	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Oil-/coolant-resistant						✓	✓		✓	✓			✓		✓	
Flame-retardant	✓	✓		✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	
Halogen-free			✓			✓	✓		✓	✓	✓		✓			✓
Notch-resistant						✓	✓		✓	✓			✓		✓	
Hydrolysis and microbe-resistant		✓	✓			✓	✓		✓	✓	✓	✓	✓		✓	✓
Temperature, from/to [°C]	-5/+70	-35/+90	-35/+90	+5/+70	+5/+70	-25/+80	-25/+80	+5/+70	-25/+80	-25/+80	-35/+90	-35/+70	-25/+80	+5/+70	-25/+80	-35/+100
Nominal voltage [V]	600/1,000	600/1,000	600/1,000	600/1,000	600/1,000	600/1,000	600/1,000	50	50	50	50	50	300/300	300/300	300/300	300/300
Colour	Jet black	Signal black	Jet black	Pastel orange	Moss green	Pastel orange	Pastel orange	Yellow-green	Yellow-green	Yellow-green	Yellow-green	Red lilac	Silver grey	Silver grey	Silver grey	Steel blue
CE/UKCA																
REACH/RoHS																
Cleanroom																
EAC																
UL/CSA + NFPA																
Desina																
More information																
► Catalogue page	320	340	346	274	278	284	288	238	248	254	260	196	142	146	150	154
www.igus.eu/	CF31	CF35UL	CF38	CF210UL	CF21UL	CF270ULD	CF27D	CF211M	CF111D	CF113D	CF11D	CFBUS	CF240PUR	CF211	CF211PUR	CF11

# ... harnessed cables for drive technology ... chainflex® readycable® ▶▶

Selection chart for igus® chainflex® cables (you can find the green number on

# ... harnessed cables for drive technology ... chainflex® readycable® ▶▶

the product pages of the respective manufacturers)

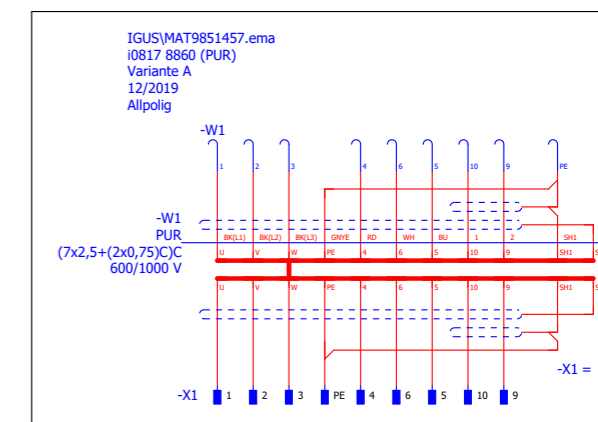
	17	18	19	20	21	22	23		24	25	26	27	28	29	30	31
chainflex® series	CF130.UL	CF140.UL	CF5	CF6	CF77.UL.D	CF78.UL	CF9		CF10	CF9.UL	CF220.UL.H	CF280.UL.H	CFBUS.PVC	CFBUS.PUR	CF240	CF29.D
Class	4.4.1.1	4.4.1.1	5.5.2.1	5.5.2.1	5.5.3.1	5.5.3.1	7.6.4.2		7.6.4.1	6.6.4.2	4.2.2.1	4.2.3.1	4.3.2.1	4.3.3.1	4.4.2.1	7.6.4.1
Outer jacket	PVC	PVC	PVC	PVC	PUR	PUR	TPE		TPE	TPE	PVC	PUR	PVC	PUR	PVC	TPE
Shielded		✓		✓		✓			✓		✓	✓	✓	✓	✓	✓
Minimum bend radius	7.5 x d	7.5 x d	6.8 x d	6.8 x d	6.8 x d	6.8 x d	5 x d		5 x d	5 x d	10 x d	10 x d	12.5 x d	12.5 x d	10 x d	6.8 x d
Travel distance [m]	≤ 50	≤ 50	≤ 50	≤ 50	≤ 100	≤ 100	> 400		> 400	> 400	≤ 10	≤ 10	≤ 20	≤ 20	≤ 50	≤ 400
Oil-resistant			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓
Oil-/coolant-resistant					✓	✓						✓		✓		✓
Flame-retardant	✓	✓	✓	✓	✓	✓				✓	✓	✓	✓	✓	✓	
Halogen-free					✓	✓	✓		✓			✓		✓		✓
Notch-resistant					✓	✓						✓		✓		
Hydrolysis and microbe-resistant					✓	✓	✓		✓	✓		✓		✓		✓
Temperature, from/to [°C]	+5/+70	+5/+70	+5/+70	+5/+70	-25/+80	-25/+80	-35/+100		-35/+100	-35/+100	+5/+70	-25/+80	+5/+70	-20/+70	-15/+70	-55/+100
Nominal voltage [V]	300/500	300/500	300/500	300/500	300/500	300/500	300/500		300/500	300/500	600/1,000	600/1,000	50	50	300/300	600/1,000
Colour	Silver grey	Silver grey	Moss green	Moss green	Window grey	Window grey	Steel blue		Steel blue	Slate grey	Pastel orange	Pastel orange	Red lilac	Red lilac	Silver grey	Pastel orange
CE/UKCA	CE UK CA	CE UK CA	CE UK CA	CE UK CA	CE UK CA	CE UK CA	CE UK CA		CE UK CA	CE UK CA	CE UK CA	CE UK CA	CE UK CA	CE UK CA	CE UK CA	CE UK CA
REACH/RoHS	REACH RoHS	REACH RoHS	REACH RoHS	REACH RoHS	REACH RoHS	REACH RoHS	REACH RoHS		REACH RoHS	REACH RoHS	REACH RoHS	REACH RoHS	REACH RoHS	REACH RoHS	REACH RoHS	REACH RoHS
CleanRoom	clean-room	clean-room	clean-room	clean-room	clean-room	clean-room	clean-room		clean-room	clean-room	clean-room	clean-room	clean-room	clean-room	clean-room	clean-room
EAC	EAC	EAC	EAC	EAC	EAC	EAC	EAC		EAC	EAC	EAC	EAC	EAC	EAC	EAC	EAC
UL/CSA + NFPA	UL NFPA	UL NFPA	UL NFPA	UL NFPA	UL NFPA	UL NFPA	UL NFPA		UL NFPA	UL NFPA	UL NFPA	UL NFPA	UL NFPA	UL NFPA	UL NFPA	UL NFPA
Desina					DESINA							DESINA		DESINA		DESINA
More information																
▶ Catalogue page	64	68	80	84	100	104	112		116	120	294	298	184	192	138	292
www.igus.eu/	CF130	CF140	CF5	CF6	CF77	CF78	CF9		CF10	CF9UL	CF220ULH	CF280ULH	CFBUSPVC	CFBUSPUR	CF240	CF29.D

# ... plan quickly ...

# ... EPLAN macros

# directly in CAE ...

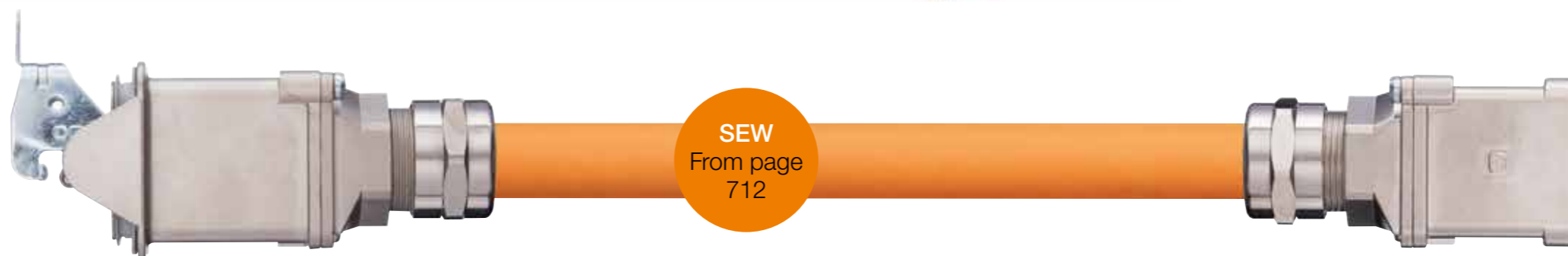
Bosch  
Rexroth  
From page  
632



Siemens  
From page  
722



SEW  
From page  
712



We are expanding our range in the EPLAN data portal with Bosch Rexroth, as we have already done with Siemens and SEW. The readycable® can now be integrated quickly and easily into electrical design via the EPLAN data portal with EPLAN macros, including parts lists and assignment diagrams.

This means that with the new macros, the customer can already bring **complete readycable® product data** into their EPLAN during the electrical design phase and complete their parts list.

While the electrical details are being worked out in the design department, the user can go **online to the EPLAN data portal** and filter for e.g. 0198 9308 and find all igus® cables in the known qualities, which can then be selected according to their application and use in their personal product range.

- EPLAN macros for 217 cables suitable to SEW available online
- Automatic generation of cable plan, parts list and further design documents in CAE system
- Select cables, calculate service life and order online: [www.igus.eu/readycable](http://www.igus.eu/readycable)
- Reduce design time by 50% with ready-to-use EPLAN macros
- Easily designed digitally & can be ordered online immediately
- No minimum quantity surcharges, no cutting charges

- 36-month guarantee on cables sold by the metre
- Prefabricated modules or macros directly usable in EPLAN as can be seen in the video tutorial: [www.igus.eu/eplan-macro](http://www.igus.eu/eplan-macro)
- Mechanical stress tests for energy chains and cables in the world's largest test laboratory in the industry
- More than 12,000 digitally tested harnessed cables per week with unique test label
- All harnessed cables are delivered without waste or excess lengths and have exactly the right fit
- Long-lasting cable materials + high-quality plug-in connectors + machining = guaranteed reliability and value retention of the components

## Tutorial on new EPLAN macros for readycable® suitable to SEW



[www.igus.eu/eplan-macro](http://www.igus.eu/eplan-macro)

**ePLAN**<sup>®</sup>  
data portal

Basic cables	Jacket	Page	Extension cables	Jacket	Page
<b>Allen-Bradley/Rockwell</b>					
<b>Motor cables</b>					
2090-CPWM4DF-08AFxx	PVC/PUR/TPE	596			
2090-CPWM4DF-10AFxx	PVC/PUR/TPE	596			
2090-CPWM4DF-12AFxx	PVC/PUR/TPE	596			
2090-CPWM4DF-14AFxx	PVC/PUR/TPE	596			
2090-CPWM4DF-16AFxx	PVC/PUR/TPE	596			
2090-CPWM7DF-02AF	PVC/PUR	596			
2090-CPWM7DF-04AF	PVC/PUR/TPE	596			
2090-CPWM7DF-06AF	PVC/PUR/TPE	597			
2090-CPWM7DF-08AFxx	PVC/PUR/TPE	597	2090-CPWM7E7-08AF	PUR	598
2090-CPWM7DF-10AFxx	PVC/PUR/TPE	597	2090-CPWM7E7-10AF	PUR	598
2090-CPWM7DF-12AFxx	PVC/PUR/TPE	597	2090-CPWM7E7-12AF	PUR	598
2090-CPWM7DF-14AFxx	PVC/PUR/TPE	597	2090-CPWM7E7-14AF	PUR	598
2090-CPWM7DF-16AFxx	PVC/PUR/TPE	597	2090-CPWM7E7-16AF	PUR	598
2090-XX_PMP-10SXX	PVC/TPE/PUR	597			
2090-XX_PMP-14SXX	PVC/PUR/TPE	598			
2090-XX_PMP-16SXX	PVC/PUR/TPE	598			
<b>Servo cables</b>					
2090-CPBM4DF-08AFxx	PVC/PUR	598			
2090-CPBM4DF-10AFxx	PVC/PUR	598			
2090-CPBM4DF-12AFxx	PVC/PUR	599			
2090-CPBM4DF-14AFxx	PVC/PUR	599			
2090-CPBM4DF-16AFxx	PVC/PUR	599			
2090-CPBM7DF-02AF	PUR	599			
2090-CPBM7DF-04AF	PUR	599			
2090-CPBM7DF-06AF	PUR	599			
2090-CPBM7DF-08AFxx	PVC/PUR	599	2090-CPBM7E7-08AFxx	PVC/PUR	600
2090-CPBM7DF-10AFxx	PVC/PUR	599	2090-CPBM7E7-10AFxx	PVC/PUR	601
2090-CPBM7DF-12AFxx	PVC/PUR	599	2090-CPBM7E7-12AFxx	PVC/PUR	601
2090-CPBM7DF-14AFxx	PVC/PUR	600	2090-CPBM7E7-14AFxx	PVC/PUR	601
2090-CPBM7DF-16AFxx	PVC/PUR	600	2090-CPBM7E7-16AFxx	PVC/PUR	601
2090-XX_PMF-10SXX	PVC/PUR	600			
2090-XX_PMF-14SXX	PVC/PUR	600			
2090-XX_PMF-16SXX	PVC/PUR	600			
<b>Hybrid servo cables</b>					
2090-CSBM1DE-10AF	PUR	601			
2090-CSBM1DE-14AF	PVC/PUR	601			
2090-CSBM1DE-18AF	PVC/PUR	601			
2090-CSBM1DF-10AF	PUR	602			
2090-CSBM1DF-14AF	PVC/PUR	602			
2090-CSBM1DF-18AF	PVC/PUR	602			
2090-CSBM1DG-10AF	PUR	602			
2090-CSBM1DG-14AF	PVC/PUR	602			
2090-CSBM1DG-18AF	PVC/PUR	602			
2090-CSWM1DE-10AF	PUR	602			
2090-CSWM1DE-14AF	PVC/PUR	602			
2090-CSWM1DE-18AF	PVC/PUR	602			
2090-CSWM1DF-10AF	PUR	603			
2090-CSWM1DF-14AF	PVC/PUR	603			
2090-CSWM1DF-18AF	PVC/PUR	603			

Basic cables	Jacket	Page	Extension cables	Jacket	Page
2090-CSWM1DG-10AF	PUR	603			
2090-CSWM1DG-14AF	PVC/PUR	603			
2090-CSWM1DG-18AF	PVC/PUR	603			
<b>Brake cables</b>					
2090-UX_BMP-18SXX	PVC/PUR	604			
<b>Feedback cables</b>					
2090-CFBM4DF-CDAFxx	PUR/TPE	604			
2090-CFBM4DF-CEAFxx	PUR/TPE	604			
2090-CFBM7DD-CDAFxx	PUR	604			
2090-CFBM7DD-CEAFxx	PUR	604			
2090-CFBM7DF-CDAFxx	PUR/TPE	605	2090-CFBM7E7-CDAFxx	PUR/TPE	605
2090-CFBM7DF-CEAFxx	PUR/TPE	605	2090-CFBM7E7-CEAFxx	PUR/TPE	605
2090-XX_FMF-Sxx	PUR/TPE	605			
2090-XX_FMP-Sxx	PUR/TPE	605			
<b>Adapter cables (transition cables)</b>					
2090-CFBM4E2-CATR	PUR	605			
2090-CPWM4E2-14TR	PUR	605			
<b>B&amp;R</b>					
<b>Motor cables</b>					
8BCMxxxx.1011A-0	PUR/PVC	606			
8BCMxxxx.1034C-0	PUR/PVC	606			
8BCMxxxx.1312A-0	PUR/PVC	606			
8BCMxxxx.1322A-0	PUR/PVC	606			
8CMxxx.12-0	PUR/PVC	606			
<b>Servo cables</b>					
8BCMxxxx.1111A-0	PUR/PVC	607			
8BCMxxxx.1311A-0	PUR/PVC	607			
8CMxxx.12-1	PUR/PVC	607			
8CMxxx.12-3	PUR/PVC	607			
8CMxxx.12-5	PUR/PVC	607			
8ECHxxxx.1111A-0	PUR	607			
<b>EnDat cables</b>					
8BCExxxx.1111A-0	TPE/PVC/PUR	608			
8CExxx.12-1	TPE/PVC/PUR	608			
<b>Encoder cables</b>					
8BCFxxxx.1221B-0	PVC/PUR	608			
8BCRxxxx.1121A-0	TPE/PVC/PUR	608			
8BCSxxxx.1111A-0	TPE/PVC/PUR	609			
<b>Resolver cables</b>					
8BCRxxx.1111A-0	TPE/PVC/PUR	609			
8CRxxx.12-1	TPE/PVC/PUR	609			
<b>Bus cables</b>					
X20CA3E61.xxxx	PVC/PUR/TPE	609			
X67CA0E41.xxxx	PVC/PUR/TPE	609			
<b>Baumüller</b>					
<b>Servo cables</b>					
324781 (5m)	PVC/PUR	610	324781 (5m) (ext.)	PVC/PUR	611
324782 (7m)	PVC/PUR	610	324781 (5m) (ext.)	PVC/PUR	611
324783 (10m)	PVC/PUR	610	324781 (5m) (ext.)	PVC/PUR	611
324784 (15m)	PVC/PUR	610	324781 (5m) (ext.)	PVC/PUR	611
324785 (20m)	PVC/PUR	610	324781 (5m) (ext.)	PVC/PUR	611

Basic cables	Jacket	Page	Extension cables	Jacket	Page
<b>Baumüller</b>					
<b>Servo cables</b>					
324786 (25m)	PVC/PUR	610	324781 (5m) (ext.)	PVC/PUR	611
324787 (30m)	PVC/PUR	610	324781 (5m) (ext.)	PVC/PUR	611
324788 (35m)	PVC/PUR	610	324781 (5m) (ext.)	PVC/PUR	611
324789 (40m)	PVC/PUR	611	324781 (5m) (ext.)	PVC/PUR	611
324790 (50m)	PVC/PUR	611	324781 (5m) (ext.)	PVC/PUR	611
324791 (75m)	PVC/PUR	611	324781 (5m) (ext.)	PVC/PUR	611
324792 (100m)	PVC/PUR	611	324781 (5m) (ext.)	PVC/PUR	611
326577 (5m)	PVC/PUR	613	326577 (5m) (ext.)	PVC/PUR	615
326578 (7m)	PVC/PUR	613	326577 (5m) (ext.)	PVC/PUR	615
326579 (10m)	PVC/PUR	613	326577 (5m) (ext.)	PVC/PUR	615
326580 (15m)	PVC/PUR	613	326577 (5m) (ext.)	PVC/PUR	615
326581 (20m)	PVC/PUR	614	326577 (5m) (ext.)	PVC/PUR	615
326582 (25m)	PVC/PUR	614	326577 (5m) (ext.)	PVC/PUR	615
326583 (30m)	PVC/PUR	614	326577 (5m) (ext.)	PVC/PUR	615
326584 (35m)	PVC/PUR	614	326577 (5m) (ext.)	PVC/PUR	615
326585 (40m)	PVC/PUR	614	326577 (5m) (ext.)	PVC/PUR	615
326586 (50m)	PVC/PUR	614	326577 (5m) (ext.)	PVC/PUR	615
326587 (75m)	PVC/PUR	614	326577 (5m) (ext.)	PVC/PUR	615
326588 (100m)	PVC/PUR	614	326577 (5m) (ext.)	PVC/PUR	615
326589 (5m)	PVC/PUR	615	326589 (5m) (ext.)	PVC/PUR	616
326591 (7m)	PVC/PUR	615	326589 (5m) (ext.)	PVC/PUR	616
326592 (10m)	PVC/PUR	615	326589 (5m) (ext.)	PVC/PUR	616
326593 (15m)	PVC/PUR	615	326589 (5m) (ext.)	PVC/PUR	616
326594 (20m)	PVC/PUR	615	326589 (5m) (ext.)	PVC/PUR	616
326596 (25m)	PVC/PUR	615	326589 (5m) (ext.)	PVC/PUR	616
326597 (30m)	PVC/PUR	616	326589 (5m) (ext.)	PVC/PUR	616
326598 (35m)	PVC/PUR	616	326589 (5m) (ext.)	PVC/PUR	616
326599 (40m)	PVC/PUR	616	326589 (5m) (ext.)	PVC/PUR	616
326600 (5m)	PVC/PUR	616	326600 (5m) (ext.)	PVC/PUR	617
326601 (7m)	PVC/PUR	616	326600 (5m) (ext.)	PVC/PUR	617
326602 (10m)	PVC/PUR	616	326600 (5m) (ext.)	PVC/PUR	617
326603 (15m)	PVC/PUR	617	326600 (5m) (ext.)	PVC/PUR	617
326604 (20m)	PVC/PUR	617	326600 (5m) (ext.)	PVC/PUR	617
326605 (25m)	PVC/PUR	617	326600 (5m) (ext.)	PVC/PUR	617
326606 (30m)	PVC/PUR	617	326600 (5m) (ext.)	PVC/PUR	617
326607 (35m)	PVC/PUR	617	326600 (5m) (ext.)	PVC/PUR	617
326608 (40m)	PVC/PUR	617	326600 (5m) (ext.)	PVC/PUR	617
326609 (5m)	PVC/PUR	618	326609 (5m) (ext.)	PVC/PUR	619
326610 (7m)	PVC/PUR	618	326609 (5m) (ext.)	PVC/PUR	619
326611 (10m)	PVC/PUR	618	326609 (5m) (ext.)	PVC/PUR	619
326612 (15m)	PVC/PUR	618	326609 (5m) (ext.)	PVC/PUR	619
326613 (20m)	PVC/PUR	618	326609 (5m) (ext.)	PVC/PUR	619
326614 (25m)	PVC/PUR	618	326609 (5m) (ext.)	PVC/PUR	619
326615 (30m)	PVC/PUR	618	326609 (5m) (ext.)	PVC/PUR	619
326616 (35m)	PVC/PUR	618	326609 (5m) (ext.)	PVC/PUR	619
326617 (40m)	PVC/PUR	618	326609 (5m) (ext.)	PVC/PUR	619
380967 (7m)	PVC/PUR	611	414840 (5m) (ext.)	PVC/PUR	613
413410 (10m)	PVC/PUR	611	414840 (5m) (ext.)	PVC/PUR	613
414840 (5m)	PVC/PUR	612	414840 (5m) (ext.)	PVC/PUR	613

Basic cables	Jacket	Page	Extension cables	Jacket	Page
414841 (15m)	PVC/PUR	612	414840 (5m) (ext.)	PVC/PUR	613
414842 (20m)	PVC/PUR	612	414840 (5m) (ext.)	PVC/PUR	613
414843 (25m)	PVC/PUR	612	414840 (5m) (ext.)	PVC/PUR	613
414846 (30m)	PVC/PUR	612	414840 (5m) (ext.)	PVC/PUR	613
414848 (35m)	PVC/PUR	612	414840 (5m) (ext.)	PVC/PUR	613
414849 (40m)	PVC/PUR	612	414840 (5m) (ext.)	PVC/PUR	613
414850 (50m)	PVC/PUR	612	414840 (5m) (ext.)	PVC/PUR	613
414851 (75m)	PVC/PUR	613	414840 (5m) (ext.)	PVC/PUR	613
414852 (100m)	PVC/PUR	613	414840 (5m) (ext.)	PVC/PUR	613
<b>Resolver cables</b>					
239540 (5m)	PVC/TPE/PUR	619	246658 (3m) (ext.)	PVC/TPE/PUR	621
239541 (8m)	PVC/TPE/PUR	619	246658 (3m) (ext.)	PVC/TPE/PUR	621
239542 (10m)	PVC/TPE/PUR	619	246658 (3m) (ext.)	PVC/TPE/PUR	621
239543 (15m)	PVC/TPE/PUR	619	246658 (3m) (ext.)	PVC/TPE/PUR	621
239544 (20m)	PUR	619	246658 (3m) (ext.)	PUR	621
239544 (20m)	PVC/TPE	619	246658 (3m) (ext.)	PVC/TPE	621
239545 (25m)	PVC/TPE/PUR	619	246658 (3m) (ext.)	PVC/TPE/PUR	621
239546 (30m)	PVC/TPE/PUR	620	246658 (3m) (ext.)	PVC/TPE/PUR	621
239547 (35m)	PVC/TPE/PUR	620	246658 (3m) (ext.)	PVC/TPE/PUR	621
240520 (40m)	PVC/TPE/PUR	620	246658 (3m) (ext.)	PVC/TPE/PUR	621
240521 (45m)	PVC/TPE/PUR	620	246658 (3m) (ext.)	PVC/TPE/PUR	621
240522 (50m)	PVC/TPE/PUR	620	246658 (3m) (ext.)	PVC/TPE/PUR	621
242954 (6m)	PVC/TPE/PUR	620	246658 (3m) (ext.)	PVC/TPE/PUR	621
243379 (4m)	PVC/TPE/PUR	620	246658 (3m) (ext.)	PVC/TPE/PUR	621
244033 (55m)	PVC/TPE/PUR	620	246658 (3m) (ext.)	PVC/TPE/PUR	621
245484 (60m)	PVC/TPE/PUR	621	246658 (3m) (ext.)	PVC/TPE/PUR	621
246658 (3m)	PVC/TPE/PUR	621	246658 (3m) (ext.)	PVC/TPE/PUR	621
<b>Pulse encoder cable</b>					
198962 (3m)	PVC/TPE/PUR	621	198962 (3m) (ext.)	PVC/TPE/PUR	622
198963 (5m)	PVC/TPE/PUR	621	198962 (3m) (ext.)	PVC/TPE/PUR	622
198964 (8m)	PVC/TPE/PUR	621	198962 (3m) (ext.)	PVC/TPE/PUR	622
198965 (10m)	PVC/TPE/PUR	621	198962 (3m) (ext.)	PVC/TPE/PUR	622
198966 (15m)	PVC/TPE/PUR	622	198962 (3m) (ext.)	PVC/TPE/PUR	622
198967 (20m)	PVC/TPE/PUR	622	198962 (3m) (ext.)	PVC/TPE/PUR	622
198968 (25m)	PVC/TPE/PUR	622	198962 (3m) (ext.)	PVC/TPE/PUR	622
198969 (30m)	PVC/TPE/PUR	622	198962 (3m) (ext.)	PVC/TPE/PUR	622
208829 (40m)	PVC/TPE/PUR	622	198962 (3m) (ext.)	PVC/TPE/PUR	622
225360 (35m)	PVC/TPE/PUR	622	198962 (3m) (ext.)	PVC/TPE/PUR	622
369864 (3m)	PVC/TPE/PUR	623	393889 (2m) (ext.)	PVC/TPE/PUR	625
371494 (20m)	PVC/TPE/PUR	623	393889 (2m) (ext.)	PVC/TPE/PUR	625
378022 (50m)	PVC/TPE/PUR	623	393889 (2m) (ext.)	PVC/TPE/PUR	625
380358 (35m)	PVC/TPE/PUR	623	393889 (2m) (ext.)	PVC/TPE/PUR	625
382005 (45m)	PVC/TPE/PUR	623	393889 (2m) (ext.)	PVC/TPE/PUR	625
389807 (7m)	PVC/TPE/PUR	623	393889 (2m) (ext.)	PVC/TPE/PUR	625
389808 (9m)	PVC/TPE	623	393889 (2m) (ext.)	PVC/TPE	625
389808 (9m)	PUR	623	393889 (2m) (ext.)	PUR	625
391216 (40m)	PVC/TPE/PUR	623	393889 (2m) (ext.)	PVC/TPE/PUR	625
393889 (2m)	PVC/TPE	624	393889 (2m) (ext.)	PVC/TPE	625
393889 (2m)	PUR	624	393889 (2m) (ext.)	PUR	625
393890 (8m)	PVC/TPE/PUR	624	393889 (2m) (ext.)	PVC/TPE/PUR	625
393891 (10m)	PVC/TPE/PUR	624	393889 (2m) (ext.)	PVC/TPE/PUR	625

Basic cables	Jacket	Page	Extension cables	Jacket	Page
<b>Baumüller</b>					
<b>Pulse encoder cable</b>					
393892 (15m)	PVC/TPE/PUR	624	393889 (2m) (ext.)	PVC/TPE/PUR	625
393893 (25m)	PVC/TPE/PUR	624	393889 (2m) (ext.)	PVC/TPE/PUR	625
393894 (30m)	PVC/TPE/PUR	624	393889 (2m) (ext.)	PVC/TPE/PUR	625
394014 (5m)	PVC/TPE/PUR	624	393889 (2m) (ext.)	PVC/TPE/PUR	625
<b>Beckhoff</b>					
<b>Motor cables</b>					
ZK4500-8015-xxx	PUR	626			
ZK4500-8024-xxx	PVC/PUR	626			
ZK4501-8024-xxx	PVC/PUR	626			
ZK4530-8110-xxxx	PVC/PUR	626			
<b>Servo cables</b>					
ZK4000-2111-xxxx	PVC/PUR	626			
ZK4000-2112-xxxx	PVC/PUR	626			
ZK4000-2711-xxxx	PVC/PUR	627			
ZK4500-0023-xxxx	PVC/PUR	627	ZK4501-0023-xxxx	PVC/PUR	627
ZK4500-0024-xxxx	PVC/PUR	627	ZK4501-0024-xxxx	PVC/PUR	627
<b>Hybrid servo cables</b>					
ZK4500-8022-xxxx	PVC/PUR	628	ZK4501-8022-xxxx	PVC/PUR	628
ZK4500-8023-xxxx	PVC/PUR	628	ZK4501-8023-xxxx	PVC/PUR	628
ZK4704-0421-xxxx	PVC/PUR	628			
<b>Encoder cables</b>					
ZK4000-2410-xxxx	PVC/PUR	628			
ZK4000-2610-xxxx	PVC/PUR	628			
ZK4510-0020-xxxx	PVC/PUR	629	ZK4511-0020-xxxx	PVC/PUR	629
ZK4520-0020-xxxx	PVC/PUR	629			
<b>Thermal protection cables</b>					
ZK4000-2510-xxxx	PVC/TPE	629			
<b>Resolver cables</b>					
ZK4000-2210-xxxx	PVC/PUR/TPE	629			
ZK4530-0010-xxxx	PVC/PUR/TPE	629	ZK4531-0020-xxxx	PVC/PUR/TPE	630
ZK4530-8010-xxxx	PVC/PUR/TPE	630	ZK4724-0410-xxxx	PVC/PUR/TPE	630
<b>Network cables EtherCAT</b>					
ZK1090-9191-xxxx	TPE	630			
<b>Berger Lahr</b>					
<b>Servo cables</b>					
VW3M5101Rxxx	PUR/PVC	631			
VW3M5102Rxxx	PUR/PVC	631			
<b>Resolver cables</b>					
VW3M8101Rxxx	TPE/PUR/PVC	631			
<b>Bosch Rexroth</b>					
<b>Power cables</b>					
IKG0331	PUR/PVC	632	IKG0332	PUR/PVC	641
IKG4008	PUR/PVC	632	IKG4006	PUR/PVC	641
IKG4009	PUR/PVC	632	IKG4006	PUR/PVC	641
IKG4017	PUR/PVC	632	IKG4006	PUR/PVC	641
IKG4018	PUR/PVC	632			
IKG4020	PUR/PVC	632			
IKG4055	PUR/PVC	632			
IKG4060	PUR/PVC	632			

Basic cables	Jacket	Page	Extension cables	Jacket	Page
IKG4067	PUR/PVC	632	IKG4061	PUR/PVC	641
IKG4070	PUR/PVC	633	IKG4061	PUR/PVC	641
IKG4072	PUR/PVC	633	IKG4074	PUR/PVC	641
IKG4087	PUR/PVC	633	IKG4081	PUR/PVC	641
IKG4090	PUR/PVC	633	IKG4081	PUR/PVC	641
IKG4100	PUR/PVC	633			
IKG4103	PUR/PVC	633			
IKG4107	PUR/PVC	633			
IKG4118	PUR/PVC	633			
IKG4119	PUR/PVC	634			
IKG4147	PUR/PVC	634	IKG4141	PUR/PVC	641
IKG4150	PUR/PVC	634	IKG4141	PUR/PVC	641
IKG4155	PUR/PVC	634	IKG4141	PUR/PVC	641
IKG4164	PUR/PVC	634			
IKG4167	PUR/PVC	634	IKG4161	PUR/PVC	641
IKG4172	PUR/PVC	634			
IKG4173	PUR/PVC	634			
IKG4186	PUR/PVC	635			
IKG4200	PUR/PVC	635			
IKG4204	PUR/PVC	635			
IKL0001	PUR/PVC	635	IKL0003	PUR/PVC	641
IKL0002	PVC/PUR	635			
IKL0006	PUR/PVC	635			
IKL0011	PUR/PVC	635			
IKL0012	PVC/PUR	635			
IKL0021	PUR/PVC	635	IKL0023	PUR/PVC	642
IKL0022	PVC/PUR	635			
IKL0041	PUR/PVC	636			
IKL0042	PUR/PVC	636			
IKL0061	PUR/PVC	636			
IKL0081	PUR/PVC	636	IKL0089	PUR/PVC	642
IKL0101	PUR/PVC	636			
IKL0121	PUR/PVC	636			
IKL0161	PUR/PVC	636	IKL0168	PUR/PVC	642
RKL0006	PVC/PUR	637			
RKL0013	PVC/PUR	637			
RKL0014	PVC/PUR	637			
RKL0019	PVC/PUR	637			
RKL0053	PVC/PUR	637			
RKL0054	PVC/PUR	637			
RKL4300	PUR/PVC	637	RKL4304	PUR/PVC	642
RKL4301	PUR/PVC	637	RKL4304	PUR/PVC	642
RKL4302	PUR/PVC	637	RKL4305	PUR/PVC	642
RKL4303	PUR/PVC	638	RKL4305	PUR/PVC	642
RKL4306	PUR/PVC	638	RKL4311	PUR/PVC	642
RKL4307	PUR/PVC	638	RKL4311	PUR/PVC	642
RKL4308	PUR/PVC	638			
RKL4309	PUR/PVC	638			
RKL4310	PUR/PVC	638	RKL4312	PUR/PVC	642
RKL4313	PUR/PVC	638	RKL4316	PUR/PVC	643
RKL4314	PUR/PVC	638	RKL4316	PUR/PVC	643



Basic cables	Jacket	Page	Extension cables	Jacket	Page
<b>Bosch Rexroth</b>					
<b>Power cables</b>					
RKL4315	PUR/PVC	639	RKL4316	PUR/PVC	643
RKL4317	PUR/PVC	639	RKL4319	PUR/PVC	643
RKL4318	PUR/PVC	639	RKL4319	PUR/PVC	643
RKL4320	PUR/PVC	639			
RKL4321	PUR/PVC	639	RKL4336	PUR/PVC	643
RKL4322	PUR/PVC	639			
RKL4323	PUR/PVC	639	RKL4338	PUR/PVC	643
RKL4324	PUR/PVC	639			
RKL4325	PUR/PVC	639			
RKL4326	PUR/PVC	640	RKL4336	PUR/PVC	643
RKL4327	PUR/PVC	640			
RKL4328	PUR/PVC	640	RKL4338	PUR/PVC	643
RKL4329	PUR/PVC	640			
RKL4330	PUR/PVC	640	RKL4340	PUR/PVC	643
RKL4331	PUR/PVC	640	RKL4341	PUR/PVC	643
RKL4332	PVC/PUR	640			
RKL4343	PVC/PUR	640			
RKL4344	PVC/PUR	640			
<b>Servo cables</b>					
RL2-002CBB-NN-xxx,x	PVC/PUR	644	RL2-500CBB-NN-xxx,x	PVC/PUR	644
RL2-022CBB-NN-xxx,x	PVC/PUR	644	RL2-521CBB-NN-xxx,x	PVC/PUR	644
RL2-045EBB-NN-xxx,x	PVC/PUR	644	RL2-542EBB-NN-xxx,x	PVC/PUR	644
<b>Hybrid servo cables</b>					
RH2-021DBB-NN	PUR	644			
RH2-022DBB-NN	PUR	644			
RH2-023DBB-NN	PUR	644			
RKH0101	PUR	645			
RKH0900	PUR	645			
<b>Encoder cables</b>					
IKS0230	TPE/PVC/PUR	645	IKS0232	TPE/PVC/PUR	648
IKS0251	TPE	645	IKS0255	TPE	648
IKS0253	TPE	645	IKS0255	TPE	648
IKS0259	TPE	645			
IKS0262	TPE	645			
IKS0301	TPE/PVC/PUR	645	IKS0303	TPE/PVC/PUR	648
IKS0315	TPE/PVC/PUR	645			
IKS0374	TPE/PVC/PUR	645			
IKS4001	TPE/PVC/PUR	646			
IKS4002	TPE/PVC/PUR	646			
IKS4020	TPE/PVC/PUR	646	IKS4376	TPE/PVC/PUR	649
IKS4038	TPE/PVC/PUR	646			
IKS4041	TPE/PVC/PUR	646			
IKS4042	TPE/PVC/PUR	646	IKS4151	TPE/PVC/PUR	648
IKS4066	TPE/PVC/PUR	646			
IKS4103	TPE/PVC/PUR	645	IKS4322	TPE/PVC/PUR	649
IKS4142	TPE/PVC/PUR	647	IKS4376	TPE/PVC/PUR	649
IKS4314	TPE/PVC/PUR	647			
IKS4374	TPE/PVC/PUR	647			
IKS4375	TPE/PVC/PUR	647			

Basic cables	Jacket	Page	Extension cables	Jacket	Page
IKS4384	TPE/PVC/PUR	647			
IKS4389	TPE/PVC/PUR	647			
RG2-002AAB-NN-xxx,x	PVC/TPE	647	RG2-510AAB-NN-xxx,x	PVC/TPE	649
RKG0014	TPE/PVC/PUR	647			
RKG0020	TPE/PVC/PUR	647			
RKG0026	TPE/PVC/PUR	648			
RKG0028	TPE/PVC/PUR	648			
RKG4200	TPE/PVC/PUR	648	RKG4201	TPE/PVC/PUR	649
<b>Elau/Schneider Electric</b>					
<b>Servo cables</b>					
E-MO-067	PVC/PUR	650			
E-MO-087	PVC/PUR	650			
E-MO-092	PVC/PUR	650			
E-MO-111 SH-Motor 1.5	PVC/PUR	650			
E-MO-113 SH-Motor 2.5	PVC/PUR	650			
<b>Hybrid servo cables</b>					
E-MO-109, VW3E1109Rxxx	PUR	651			
E-MO-117, VW3E1117Rxxx	PUR	651			
E-MO-118, VW3E1118Rxxx	PUR	651			
E-MO-119, VW3E1119Rxxx	PUR	651			
E-MO-120, VW3E1120Rxxx	PUR	651			
E-MO-121, VW3E1121Rxxx	PUR	651			
E-MO-124, VW3E1124Rxxx	PUR	651			
E-MO-125, VW3E1125Rxxx	PUR	651			
E-MO-126, VW3E1126Rxxx	PUR	651			
E-MO-127, VW3E1127Rxxx	PUR	651			
<b>Encoder cables</b>					
E-FB-060	PVC/TPE	651			
E-FB-071	PVC/TPE/PUR	651			
E-FB-080	PVC/TPE/PUR	651			
<b>Fagor</b>					
<b>Path measuring cables</b>					
			iEEC-x	PUR/TPE	652
			iXC-C2-D	PUR/TPE	652
			iXC-C2-FN2	PUR/TPE	652
			iXC-C2-H	PUR/TPE	652
			iXC-C4-D	PUR/TPE	652
			iXC-C8-F-C9	PUR/TPE	652
			iXC-C8-F-D	PUR/TPE	653
			iXC-C8-FN	PUR/TPE	653
<b>Fanuc</b>					
<b>Power cables</b>					
LX660-8077-T261	PUR/PVC/TPE	654			
LX660-8077-T264	PUR/PVC/TPE	654			
LX660-8077-T265	PUR/PVC/TPE	654			
LX660-8077-T266	PUR/PVC/TPE	654			
LX660-8077-T267	PUR/PVC/TPE	654			
LX660-8077-T270	PUR/PVC/TPE	654			
LX660-8077-T271	PUR/PVC/TPE	655			
LX660-8077-T272	PUR/PVC/TPE	655			
LX660-8077-T273	PUR/PVC/TPE	655			

## ... Fanuc ... Festo ... Heidenhain ...

### Selection by manufacturer part number

Basic cables	Jacket	Page	Extension cables	Jacket	Page
<b>Fanuc</b>					
<b>Power cables</b>					
LX660-8077-T291	PUR/PVC/TPE	655			
LX660-8077-T292	PUR/PVC/TPE	655			
LX660-8077-T293	PUR/PVC/TPE	655			
LX660-8077-T296	PUR/PVC/TPE	656			
LX660-8077-T298	PUR/PVC/TPE	656			
LX660-8077-T300	PUR/PVC/TPE	656			
<b>Servo cables</b>					
LX660-8077-T259	PUR	656			
LX660-8077-T274	PUR	656			
LX660-8077-T416	PUR	656			
LX660-8077-T451	PUR	656			
LX660-8077-T470	PUR	657			
LX660-8077-T471	PUR	657			
<b>Brake cables</b>					
LX660-8077-T311	PUR	657			
<b>Signal cables</b>					
LX660-2018-T015	PVC	657			
LX660-4077-T296	PUR/TPE	657			
LX660-4077-T297	PUR/TPE	657			
LX660-4077-T302	PUR/TPE	657			
LX660-4077-T303	PUR/TPE	658			
LX660-4077-T310	TPE	658			
LX660-4077-T319	PUR/TPE	658			
<b>Festo</b>					
<b>Servo cables</b>					
NEBM-M16G8-E-xxx-Q7-LE8	PUR	659			
NEBM-M23G6-E-xxx-N-LE7	PVC/PUR	659			
NEBM-M23G8-E-xxx-N-LE8	PVC/PUR	659			
NEBM-M40G8-E-xxx-N-LE7	PVC/PUR	659			
<b>Control cables</b>					
KPWR-MC-1-SUB-9HC-xxx	PVC/PUR	659			
<b>Encoder cables</b>					
NEBM-M23G12-E-xxx-N-S1G9	PVC/PUR/TPE	659			
<b>Data cables</b>					
KDI-MC-M8-SUB-9-xxx	PVC/PUR	660			
KES-MC-1-SUB-9-xxx	PVC/PUR	660			
NEBM-M12G8-E-xxx-N-S1G15	PVC/PUR/TPE	660			
NEBM-M12G8-E-xxx-S1G9	PVC/PUR/TPE	660			
NEBM-M12W8-E-xxx-N-S1G15	PVC/PUR/TPE	660			
NEBM-S1G15-E-xxx-LE6	PVC/PUR/TPE	661			
NEBM-S1G9-E-xxx-LE6	PVC/PUR	661			
<b>Bus cables</b>					
FBA-CO-SUB-9-M12	PVC/PUR/TPE	661			
<b>Heidenhain</b>					
<b>Adapter cables</b>					
298 401-xx	PVC/PUR/TPE	662			
333 164-xx	PVC/PUR/TPE	662			
368 330-xx	PVC/PUR	662			
524 599-xx	PVC/PUR/TPE	663			

## ... Heidenhain ... Jetter ... Kollmorgen/Danaher Motion ...

### Selection by manufacturer part number

Basic cables	Jacket	Page	Extension cables	Jacket	Page
534 855-xx	PVC/PUR/TPE	663			
605 424-xx	PVC/PUR/TPE	663			
<b>Jetter</b>					
<b>Motor cables</b>					
Cable No. 201	PVC/PUR/TPE	668			
Cable No. 203	PVC/PUR/TPE	668			
Cable No. 26.1	PVC/PUR/TPE	668			
<b>Servo cables</b>					
Cable No. 202	PVC/PUR	668			
Cable No. 204	PVC/PUR	668			
Cable No. 24.1	PVC/PUR	668			
<b>Resolver cables</b>					
Cable No. 23	PVC/PUR/TPE	669			
Cable No. 423	PVC/PUR/TPE	669			
Cable No. 523	PVC/PUR/TPE	669			
Cable No. 723	PVC/PUR/TPE	669			
<b>Kollmorgen/Danaher Motion</b>					
<b>Motor cables</b>					
102575 (5m)	PVC/TPE	671			
102576 (10m)	PVC/TPE	671			
102806 (15m)	PVC/TPE	671			
102807 (20m)	PVC/TPE	672			
102808 (25m)	PVC/TPE	672			
107473 (5m)	PVC/TPE	672			
107474 (10m)	PVC/TPE	672			
107475 (15m)	PVC/TPE	672			
107476 (20m)	PVC/TPE	672			
107477 (25m)	PVC/TPE	672			
107485 (5m)	PVC/TPE	672			
107486 (10m)	PVC/TPE	673			
107487 (15m)	PVC/TPE	673			
107488 (20m)	PVC/TPE	673			
107489 (25m)	PVC/TPE	673			
200456 (5m)	PVC/TPE	673			
200457 (10m)	PVC/TPE	673			
200458 (15m)	PVC/TPE	673			
200459 (20m)	PVC/TPE	673			
200460 (25m)	PVC/TPE	673			
200468 (5m)	PVC/TPE	673			
200469 (10m)	PVC/TPE	674			
200470 (15m)	PVC/TPE	674			
200471 (20m)	PVC/TPE	674			
200472 (25m)	PVC/TPE	674			
200618 (5m)	PVC/TPE	674			
200619 (10m)	PVC/TPE	674			
200620 (15m)	PVC/TPE	674			
200621 (20m)	PVC/TPE	674			
200622 (25m)	PVC/TPE	674			
88959 (5m)	TPE	670			
88960 (10m)	TPE	670			
88962 (15m)	TPE	670			

Basic cables	Jacket	Page	Extension cables	Jacket	Page
<b>Kollmorgen/Danaher Motion</b>					
<b>Motor cables</b>					
88964 (20m)	TPE	670			
88966 (25m)	TPE	670			
89918 (5m)	PVC/TPE	670			
89952 (10m)	PVC/TPE	670			
89953 (15m)	PVC/TPE	670			
89954 (20m)	PVC/TPE	670			
89956 (25m)	PVC/TPE	670			
89959 (5m)	PVC/TPE	670			
89960 (10m)	PVC/TPE	670			
89962 (15m)	PVC/TPE	670			
89964 (20m)	PVC/TPE	671			
89966 (25m)	PVC/TPE	671			
90083 (5m)	PVC/TPE	671			
90084 (10m)	PVC/TPE	671			
90085 (15m)	PVC/TPE	671			
90086 (20m)	PVC/TPE	671			
90087 (25m)	PVC/TPE	671			
<b>Servo cables</b>					
102579 (5m)	PVC/PUR	677			
102580 (10m)	PVC/PUR	677			
102809 (15m)	PVC/PUR	677			
102810 (20m)	PVC/PUR	677			
102811 (25m)	PVC/PUR	677			
107479 (5m)	PVC/PUR	677			
107480 (10m)	PVC/PUR	677			
107481 (15m)	PVC/PUR	678			
107482 (20m)	PVC/PUR	678			
107483 (25m)	PVC/PUR	678			
107491 (5m)	PVC/PUR	678			
107492 (10m)	PVC/PUR	678			
107493 (15m)	PVC/PUR	678			
107494 (20m)	PVC/PUR	678			
107495 (25m)	PVC/PUR	679			
200462 (5m)	PVC/PUR	679			
200463 (10m)	PVC/PUR	679			
200464 (15m)	PVC/PUR	679			
200465 (20m)	PVC/PUR	679			
200466 (25m)	PVC/PUR	679			
200474 (5m)	PVC/PUR	679			
200475 (10m)	PVC/PUR	679			
200476 (15m)	PVC/PUR	680			
200477 (20m)	PVC/PUR	680			
200478 (25m)	PVC/PUR	680			
200623 (5m)	PVC/PUR	680			
200624 (10m)	PVC/PUR	680			
200625 (15m)	PVC/PUR	680			
200626 (20m)	PVC/PUR	680			
200627 (25m)	PVC/PUR	680			
89957 (5m)	PVC/PUR	675			

Basic cables	Jacket	Page	Extension cables	Jacket	Page
89961 (10m)	PVC/PUR	675			
89963 (15m)	PVC/PUR	675			
89965 (20m)	PVC/PUR	675			
89967 (25m)	PVC/PUR	675			
89968 (5m)	PVC/PUR	675			
89969 (25m)	PVC/PUR	675			
89970 (10m)	PVC/PUR	675			
89971 (15m)	PVC/PUR	676			
89972 (20m)	PVC/PUR	676			
90088 (5m)	PVC/PUR	676			
90089 (10m)	PVC/PUR	676			
90090 (15m)	PVC/PUR	676			
90091 (20m)	PVC/PUR	676			
90092 (25m)	PVC/PUR	676			
<b>Signal cables</b>					
107915 (5m)	PVC/TPE	681			
107916 (10m)	PVC/TPE	681			
107917 (15m)	PVC/TPE	681			
107918 (20m)	PVC/TPE	681			
107919 (25m)	PVC/TPE	681			
84972 (5m)	PVC/TPE/PUR	681			
84973 (10m)	PVC/TPE/PUR	681			
84974 (15m)	PVC/TPE/PUR	681			
84975 (20m)	PVC/TPE/PUR	681			
85034 (5m)	PVC/TPE/PUR	682			
85035 (10m)	PVC/TPE/PUR	682			
85036 (15m)	PVC/TPE/PUR	682			
85037 (20m)	PVC/TPE/PUR	682			
85039 (5m)	PVC/TPE/PUR	683			
85040 (10m)	PVC/TPE/PUR	683			
85041 (15m)	PVC/TPE/PUR	683			
85042 (20m)	PVC/TPE/PUR	683			
87655 (25m)	PVC/TPE/PUR	681			
90287 (5m)	PVC/TPE	681			
91019 (10m)	PVC/TPE	681			
91807 (20m)	PVC/TPE	682			
91811 (15m)	PVC/TPE	682			
92205 (25m)	PVC/TPE	682			
<b>Lenze</b>					
<b>Servo cables</b>					
EWLMxxxGMS-015C	PUR/PVC	684	EWLMxxxZM-015C	PUR/PVC	686
EWLMxxxGMS-025	PUR/PVC	684	EWLMxxxZM-025	PUR/PVC	686
EWLMxxxGMS-040I	PVC/PUR	684			
EYP0010AxxxxA00P01	PUR/PVC	684	EYP0010VxxxxM01P01	PUR/PVC	686
EYP0010AxxxxM01A00	PUR/PVC	684	EYP0010VxxxxM01P01	PUR/PVC	686
EYP0011AxxxxA00P01	PUR/PVC	684	EYP0011VxxxxM01P01	PUR/PVC	686
EYP0011AxxxxM01A00	PUR/PVC	684	EYP0011VxxxxM01P01	PUR/PVC	686
EYP0012AxxxxA00P01	PUR/PVC	684	EYP0012VxxxxM01P01	PUR/PVC	686
EYP0012AxxxxA00P02	PUR/PVC	685	EYP0012VxxxxM02P02	PUR/PVC	686
EYP0012AxxxxM01A00	PUR/PVC	685	EYP0012VxxxxM01P01	PUR/PVC	686
EYP0012AxxxxM02A00	PUR/PVC	685	EYP0012VxxxxM02P02	PUR/PVC	686

Basic cables	Jacket	Page	Extension cables	Jacket	Page
<b>Lenze</b>					
<b>Servo cables</b>					
EYP0013AxxxxA00P02	PUR/PVC	685	EYP0013VxxxxM02P02	PUR/PVC	687
EYP0013AxxxxM02A00	PUR/PVC	685	EYP0013VxxxxM02P02	PUR/PVC	687
EYP0014AxxxxA00P03	PUR/PVC	685	EYP0014VxxxxM03P03	PUR/PVC	687
EYP0014AxxxxM03A00	PUR/PVC	685	EYP0014VxxxxM03P03	PUR/PVC	687
EYP0015AxxxxA00P03	PUR/PVC	685	EYP0015VxxxxM03P03	PUR/PVC	687
EYP0015AxxxxM03A00	PUR/PVC	685	EYP0015VxxxxM03P03	PUR/PVC	687
EYP0016AxxxxA00P03	PUR/PVC	686	EYP0016VxxxxM03P03	PUR/PVC	687
EYP0016AxxxxM03A00	PUR/PVC	686	EYP0016VxxxxM03P03	PUR/PVC	687
<b>Fan cables</b>					
EWLLxxxGMS	TPE/PVC	687	EWLLxxxZM	TPE/PVC	687
EYL002AxxxxL01A00	TPE/PVC	687	EYL002VxxxxL01J01	TPE/PVC	687
EYL002AxxxxL02A00	TPE/PVC	687	EYL002VxxxxL02J02	TPE/PVC	688
<b>Encoder cables</b>					
EWLExxxGM-T	TPE/PVC/PUR	689	EWLExxxZMST	TPE/PVC/PUR	689
EWLExxxGX-T	TPE/PVC/PUR	689			
<b>Feedback cables</b>					
EYF0017AxxxxA00W02	PUR	689			
EYF0018AxxxxA00S03	TPE/PUR/PVC	689			
EYF0018AxxxxA00W02	TPE/PVC	689			
EYF0018AxxxxF02S03	TPE/PVC	690			
EYF0018AxxxxF02W02	TPE/PUR/PVC	690			
EYF0019AxxxxF02S03	PUR	690	EYF0019VxxxxA00G02	PUR	692
EYF0020AxxxxA00S04	TPE/PUR/PVC	690			
EYF0020AxxxxA00S05	TPE/PUR/PVC	690			
EYF0020AxxxxF01S04	TPE/PUR/PVC	690			
EYF0020AxxxxF01S05	TPE/PUR/PVC	691			
EYF0021AxxxxA00S03	TPE/PUR	691			
EYF0021AxxxxF03S03	TPE/PUR	691			
EYF0021AxxxxF07S03	PUR/TPE	691			
<b>Resolver cables</b>					
EWLRxxxGM-T	TPE/PVC/PUR	692	EWLRxxxZMST	TPE/PVC/PUR	692
EWLRxxxGX-T	TPE/PVC/PUR	692			
<b>LinMot</b>					
<b>Motor cables</b>					
P10-70x...-D01/D02-MS	PVC/PUR	693			
<b>Servo cables</b>					
P10-70x...-D03-MS	PVC/PUR	693			
<b>LTi DRIVES</b>					
<b>Servo cables</b>					
KM3-KSxxx	PUR/PVC	694	KM3-KSxxx (ext.)	PUR/PVC	694
KM3-KSxxx-24A	PUR/PVC	694	KM3-KSxxx-24A (ext.)	PUR/PVC	694
KM3-KSxxx-63A	PUR/PVC	694	KM3-KSxxx-63A (ext.)	PUR/PVC	694
<b>Encoder cables</b>					
KGH2-KSxxx	TPE/PVC	695	KGH2-KSxxx (ext.)	TPE/PVC	695
KGH3-KSxxx	TPE/PVC	695	KGH3-KSxxx (ext.)	TPE/PVC	695
KGS2-KSxxx	TPE/PUR	695	KGS2-KSxxx (ext.)	TPE/PUR	695
KRY2-CDF-KSxxx	TPE/PUR/PVC	695	KRY2-CDF-KSxxx (ext.)	TPE/PUR/PVC	695
KRY2-KSxxx	TPE/PUR/PVC	695	KRY2-KSxxx (ext.)	TPE/PUR/PVC	695

Basic cables	Jacket	Page	Extension cables	Jacket	Page
<b>Mitsubishi Electric</b>					
<b>Motor cables</b>					
MR-BKS1CBL-xxx-A1-H	PVC/PUR	696			
MR-BKS1CBL-xxx-A2-H	PVC/PUR	696			
MR-PWS1CBL-xxx-A1-H	PVC/PUR	696			
MR-PWS1CBL-xxx-A2-H	PVC/PUR	696			
PCS015N-xxx-0-0C4	PVC/PUR	696			
PCS025N-xxx-0-0C5	PVC/PUR	696			
PCS025N-xxx-C4	PVC/PUR	696			
PCS040N-xxx-0-0C4	PVC/PUR/TPE	696			
PCS040N-xxx-0-0C5	PVC/PUR/TPE	696			
PCS060N-xxx-0-0C5	PVC/PUR/TPE	697			
<b>Encoder cables</b>					
MR-J3ENCBL-xxx-A1-H	PVC/PUR	697			
MR-J3ENCBL-xxx-A2-H	PVC/PUR	697			
MR-J3ENSCBL-xxx-H	PVC/PUR	697			
<b>Nidec/Control Techniques</b>					
<b>Motor cables</b>					
PS B A A A XXX	TPE/PVC	698			
PS B A A B XXX	TPE/PVC	698			
PS B A B B XXX	TPE/PVC	698			
PS B A F A XXX	TPE/PVC	698			
PS B A F B XXX	TPE/PVC	698			
PS B B A A XXX	TPE/PVC	698			
PS B B A B XXX	TPE/PVC	699			
PS B B B B XXX	TPE/PVC	699			
PS B B F A XXX	TPE/PVC	698			
PS B B F B XXX	TPE/PVC	699			
PS B C A B XXX	TPE/PVC	699			
PS B C B B XXX	TPE/PVC	699			
PS B C F B XXX	TPE/PVC	699			
PS B D A B XXX	TPE/PVC	699			
PS B D B B XXX	TPE/PVC	699			
PS B D F B XXX	TPE/PVC	699			
PS B E A B XXX	TPE/PVC	700			
PS B E B B XXX	TPE/PVC	700			
PS B E F B XXX	TPE/PVC	700			
PS B G A A XXX	TPE/PVC	698			
PS B G A B XXX	TPE/PVC	700			
PS B G B B XXX	TPE/PVC	700			
PS B G F A XXX	TPE/PVC	698			
PS B G F B XXX	TPE/PVC	700			
<b>Servo cables</b>					
PB B A A A XXX	PUR/PVC	700			
PB B A A B XXX	PUR/PVC	701			
PB B A B B XXX	PUR/PVC	701			
PB B A F A XXX	PUR/PVC	700			
PB B A F B XXX	PUR/PVC	701			
PB B A G B XXX	PUR/PVC	701			

Basic cables	Jacket	Page	Extension cables	Jacket	Page
<b>Nidec/Control Techniques</b>					
<b>Servo cables</b>					
PB B B A A XXX	PUR/PVC	700			
PB B B A B XXX	PUR/PVC	701			
PB B B B B XXX	PUR/PVC	701			
PB B B F A XXX	PUR/PVC	701			
PB B B F B XXX	PUR/PVC	701			
PB B B G B XXX	PUR/PVC	702			
PB B C A B XXX	PUR/PVC	702			
PB B C B B XXX	PUR/PVC	702			
PB B C F B XXX	PUR/PVC	702			
PB B C G B XXX	PUR/PVC	702			
PB B D A B XXX	PUR/PVC	702			
PB B D B B XXX	PUR/PVC	702			
PB B D F B XXX	PUR/PVC	702			
PB B D G B XXX	PUR/PVC	702			
PB B E A B XXX	PUR/PVC	702			
PB B E B B XXX	PUR/PVC	702			
PB B E F B XXX	PUR/PVC	703			
PB B E G B XXX	PUR/PVC	703			
PB B G A A XXX	PUR/PVC	701			
PB B G A B XXX	PUR/PVC	703			
PB B G B B XXX	PUR/PVC	703			
PB B G F A XXX	PUR/PVC	701			
PB B G F B XXX	PUR/PVC	703			
PB B G G B XXX	PUR/PVC	703			
<b>Encoder cables</b>					
SS B A H C XXX	TPE/PVC/PUR	703			
SS B A H H XXX	TPE/PVC/PUR	703			
SS B A H N XXX	TPE/PVC/PUR	703			
<b>NUM</b>					
<b>Power cables</b>					
AGOFRU018LMxxx	PVC/TPE	704	AGOFRU018LMxxx (ext.)	PVC/TPE	704
AGOFRU019LMxxx	PVC/TPE	704	AGOFRU019LMxxx (ext.)	PVC/TPE	704
<b>Servo cables</b>					
AGOFRU018Mxxx	PVC/PUR	704	AGOFRU018Mxxx (ext.)	PVC/PUR	705
AGOFRU019Mxxx	PVC/PUR	704	AGOFRU019Mxxx (ext.)	PVC/PUR	705
AGOFRU020Mxxx	PVC/PUR	704	AGOFRU020Mxxx (ext.)	PVC/PUR	705
<b>Fan cables</b>					
AGOFRU012Mxxx	PVC/TPE	705	AGOFRU012Mxxx (ext.)	PVC/TPE	705
<b>Encoder cables</b>					
AGOFRU029Mxxx	PVC/TPE	705	AGOFRU029Mxxx (ext.)	PVC/TPE	706
AGOFRU030Mxxx	PVC/TPE	705	AGOFRU030Mxxx (ext.)	PVC/TPE	706
<b>Omron</b>					
<b>Motor cables</b>					
R88A-CAWA-xxxS-DE	TPE	707			
R88A-CAWCxxx	PVC/TPE	707			
R88A-CAWCxxxS-E	PVC/TPE	707			
R88A-CAWDxxxS	PVC/TPE	707			
R88A-CAWDxxxS-E	PVC/TPE	707			
R88A-CAWFxxxS-E	PVC/TPE	707			

Basic cables	Jacket	Page	Extension cables	Jacket	Page
<b>Control cables</b>					
JZSP-CHM000-xx-E	PVC/PUR/TPE	707			
JZSP-CHM000-xx-ME	PVC/PUR/TPE	707			
JZSP-CHM030-xx-E	PVC/PUR/TPE	708			
JZSP-CHM030-xx-ME	PVC/PUR/TPE	708			
JZSP-CSM22-xx-E-G1	PVC/PUR/TPE	708			
R88A-CAWCxxxB-E	PVC/PUR/TPE	708			
R88A-CAWExxxB	PVC/PUR/TPE	708			
<b>Encoder cables</b>					
JZSP-CHP800-xx-E	PVC/TPE/PUR	709			
JZSP-CHP800-xx-ME	PVC/TPE/PUR	709			
JZSP-CSP21-xx-E-G1	PVC/TPE/PUR	709			
R88A-CRWA-xxxC-DE	PVC/TPE/PUR	709			
R88A-CRWBxxxN	PVC/TPE/PUR	709			
R88A-CRWBxxxN-E	PVC/TPE/PUR	709			
<b>Parker</b>					
<b>Motor cables</b>					
iMOK42	PVC/PUR	710			
iMOK43	PUR/PVC	710			
iMOK44	PUR/PVC	710			
iMOK45	PUR/PVC	710			
iMOK54	PVC/PUR	710			
iMOK55	PVC/PUR	710			
iMOK56	PVC/PUR	710			
iMOK57	PUR/PVC	710			
<b>Resolver cables</b>					
iREK32	PVC/PUR/TPE	711			
iREK33	PVC/PUR/TPE	711			
iREK41	PVC/PUR/TPE	711			
iREK42	PVC/PUR/TPE	711			
<b>SEW</b>					
<b>Motor cables</b>					
0590 4773	TPE/PVC/PUR	712	0590 3610	TPE/PVC/PUR	714
0590 4803	PVC/PUR/TPE	712			
0590 6245	PVC/PUR/TPE	712			
0590 6253	PVC/PUR/TPE	712			
1335 0293	PVC/PUR/TPE	713	1335 0021	PVC/PUR/TPE	714
1335 0307	PVC/PUR/TPE	713	1335 0048	PVC/PUR/TPE	714
1335 0315	PVC/PUR/TPE	713	1335 0056	PVC/PUR/TPE	714
<b>Servo cables</b>					
1332 4861	PUR/PVC	715	0593 6500	PUR/PVC	718
1333 1221	PVC/PUR/TPE	716			
1333 2155	PVC/PUR/TPE	716			
1335 0153	PVC/PUR	716	1335 0099	PVC/PUR	719
1335 0161	PVC/PUR	716	1335 0102	PVC/PUR	719
1335 0188	PVC/PUR	716	1335 0110	PVC/PUR	719
1335 0234	PVC/PUR	716	1335 4221	PUR	719
1335 0242	PVC/PUR	716	1335 4248	PVC/PUR	719
1335 0250	PVC/PUR	717			
1335 4302	PUR	717			
1335 4310	PVC/PUR	717			

Basic cables	Jacket	Page	Extension cables	Jacket	Page
<b>SEW</b>					
<b>Servo cables</b>					
1335 4329	PVC/PUR	717	1335 4337	PVC/PUR	719
1335 4388	PUR	717			
1335 4396	PUR	717			
<b>Hybrid servo cables</b>					
0186 725 3	PUR	720			
0187 889 5	PUR	720			
0593 278 5	PUR	720			
0593 755 8	PUR	720			
0816 208 5	PUR	720			
0816 325 1	PUR	720			
0816 326 X	PUR	720			
0817 886 0	PUR	720			
0817 887 9	PUR	720			
0817 888 7	PUR	720			
0817 948 4	PUR	720			
1811 8119	PUR	720			
<b>Control cables</b>					
0199 560x	PVC/PUR/TPE	720			
<b>Encoder cables</b>					
0198 9308	PUR	721			
0199 3194	PUR	721	0199 5413	PUR	721
0199 4875	PVC	721	0199 5421	PVC	721
0595 1518	PVC/PUR/TPE	721			
1332 4535	PVC	721	0199 5405	PVC/PUR	721
1332 4551	PUR	721	0199 5405	PVC/PUR	721
1332 7429	PVC	721			
1332 7437	PUR	721			
<b>Siemens</b>					
<b>Power cables</b>					
6FX8002-5CN06	PVC/PUR/TPE	722			
6FX8002-5CN16	PVC/PUR/TPE	722			
6FX8002-5CN26	PVC/PUR/TPE	722			
6FX8002-5CN36	PVC/PUR/TPE	722			
6FX8002-5CN46	PVC/PUR/TPE	722			
6FX8002-5CN56	PVC/PUR/TPE	722			
6FX8002-5CS06	PVC/PUR/TPE	722			
6FX_002-5CA01	TPE/PVC/PUR	723	6FX_002-5CA05	TPE/PVC/PUR	732
6FX_002-5CA11	TPE/PVC/PUR	723	6FX_002-5CA15	TPE/PVC/PUR	733
6FX_002-5CA13	TPE/PVC/PUR	723			
6FX_002-5CA21	TPE/PVC/PUR	723	6FX_002-5CA28	TPE/PVC/PUR	733
6FX_002-5CA23	TPE/PVC/PUR	723	6FX_002-5CX28	TPE/PVC/PUR	734
6FX_002-5CA31	TPE/PVC/PUR	723	6FX_002-5CA38	TPE/PVC/PUR	733
6FX_002-5CA41	TPE/PVC/PUR	723	6FX_002-5CA48	TPE/PVC/PUR	733
6FX_002-5CA51	TPE/PVC/PUR	724	6FX_002-5CA58	TPE/PVC/PUR	733
6FX_002-5CA61	TPE/PVC/PUR	724	6FX_002-5CA68	TPE/PVC/PUR	733
6FX_002-5CG01	PVC/PUR/TPE	724			
6FX_002-5CG10	PVC/PUR/TPE	724			
6FX_002-5CG11	PVC/PUR/TPE	724	6FX_002-5CA15	PVC/PUR/TPE	733
6FX_002-5CG12	PVC/PUR/TPE	724			

Basic cables	Jacket	Page	Extension cables	Jacket	Page
6FX_002-5CG13	PVC/PUR/TPE	725	6FX_002-5CX18	PVC/PUR/TPE	734
6FX_002-5CG21	PVC/PUR/TPE	725	6FX_002-5CA28	PVC/PUR/TPE	733
6FX_002-5CG22	PVC/PUR/TPE	725			
6FX_002-5CG23	PVC/PUR/TPE	725	6FX_002-5CX28	PVC/PUR/TPE	734
6FX_002-5CG31	PVC/PUR/TPE	725			
6FX_002-5CG32	PVC/PUR/TPE	725	6FX_002-5CQ38	PVC/PUR/TPE	734
6FX_002-5CG41	PVC/PUR/TPE	726			
6FX_002-5CG42	PVC/PUR/TPE	726			
6FX_002-5CG51	PVC/PUR/TPE	726			
6FX_002-5CG52	PVC/PUR/TPE	726			
6FX_002-5CG61	PVC/PUR/TPE	726			
6FX_002-5CG62	PVC/PUR/TPE	726	6FX_002-5CQ68	PVC/PUR/TPE	734
6FX_002-5CK01	PUR/TPE	727			
6FX_002-5CL01	PVC/PUR/TPE	727			
6FX_002-5CL02	PVC/PUR/TPE	727			
6FX_002-5CL12	PVC/PUR/TPE	727			
6FX_002-5CN01	PVC/PUR/TPE	727			
6FX_002-5CN11	PVC/PUR/TPE	728			
6FX_002-5CN21	PVC/PUR/TPE	728			
6FX_002-5CN31	PVC/PUR/TPE	728	6FX_002-5CQ38	PVC/PUR/TPE	734
6FX_002-5CN41	PVC/PUR/TPE	728			
6FX_002-5CN51	PVC/PUR/TPE	728			
6FX_002-5CN54	PVC/PUR/TPE	728			
6FX_002-5CN61	PVC/PUR/TPE	728	6FX_002-5CQ68	PVC/PUR/TPE	734
6FX_002-5CN64	PVC/PUR/TPE	729	6FX_002-5CQ68	PVC/PUR/TPE	734
6FX_002-5CQ01	PVC/PUR/TPE	729			
6FX_002-5CQ11	PVC/PUR/TPE	729			
6FX_002-5CQ21	PVC/PUR/TPE	729			
6FX_002-5CQ31	PVC/PUR/TPE	729	6FX_002-5CQ38	PVC/PUR/TPE	734
6FX_002-5CQ41	PVC/PUR/TPE	729			
6FX_002-5CQ51	PVC/PUR/TPE	729			
6FX_002-5CQ61	PVC/PUR/TPE	729	6FX_002-5CQ68	PVC/PUR/TPE	734
6FX_002-5CS01	TPE/PVC/PUR	730			
6FX_002-5CS02	PVC/PUR/TPE	730			
6FX_002-5CS11	PVC/PUR/TPE	730	6FX_002-5CA15	PVC/PUR/TPE	733
6FX_002-5CS12	PVC/PUR/TPE	730			
6FX_002-5CS13	PVC/PUR/TPE	730	6FX_002-5CX18	PVC/PUR/TPE	734
6FX_002-5CS21	TPE/PVC/PUR	731			
6FX_002-5CS23	PVC/PUR/TPE	731	6FX_002-5CX28	PVC/PUR/TPE	734
6FX_002-5CS24	PVC/PUR/TPE	731			
6FX_002-5CS31	TPE/PVC/PUR	731			
6FX_002-5CS41	TPE/PVC/PUR	731	6FX_002-5CA48	TPE/PVC/PUR	733
6FX_002-5CS42	PVC/PUR/TPE	731			
6FX_002-5CS51	TPE/PVC/PUR	731	6FX_002-5CA58	TPE/PVC/PUR	733
6FX_002-5CS52	PVC/PUR/TPE	732			
6FX_002-5CS54	PVC/PUR/TPE	732	6FX_002-5CA68	PVC/PUR/TPE	733
6FX_002-5CS61	PVC/PUR/TPE	732	6FX_002-5CA68	PVC/PUR/TPE	733
6FX_002-5CS62	PVC/PUR/TPE	732			
6FX_002-5CS64	PVC/PUR/TPE	732	6FX_002-5CX18	PVC/PUR/TPE	734
<b>Servo cables</b>					
6FX_002-5DA01	PUR/PVC	735	6FX_002-5DA05	PUR/PVC	746

Basic cables	Jacket	Page	Extension cables	Jacket	Page
<b>Siemens</b>					
<b>Servo cables</b>					
6FX_002-5DA11	PUR/PVC	735	6FX_002-5DA15	PUR/PVC	746
6FX_002-5DA21	PUR/PVC	735	6FX_002-5DA28	PUR/PVC	746
6FX_002-5DA23	PUR/PVC	735	6FX_002-5DX28	PUR/PVC	748
6FX_002-5DA30	PVC/PUR	735			
6FX_002-5DA31	PUR/PVC	735	6FX_002-5DA38	PUR/PVC	746
6FX_002-5DA33	PUR/PVC	736	6FX_002-5DX38	PUR/PVC	748
6FX_002-5DA41	PUR/PVC	736	6FX_002-5DA48	PUR/PVC	746
6FX_002-5DA43	PUR/PVC	736	6FX_002-5DX48	PUR/PVC	748
6FX_002-5DA51	PUR/PVC	736	6FX_002-5DA58	PUR/PVC	746
6FX_002-5DA61	PUR/PVC	736	6FX_002-5DA68	PUR/PVC	746
6FX_002-5DG01	PVC/PUR	736	6FX_002-5DA05	PVC/PUR	746
6FX_002-5DG10	PVC/PUR	737	6FX_002-5DN05	PVC/PUR	747
6FX_002-5DG11	PVC/PUR	737	6FX_002-5DA15	PVC/PUR	746
6FX_002-5DG12	PVC/PUR	737	6FX_002-5DN15	PVC/PUR	747
6FX_002-5DG13	PVC/PUR	737			
6FX_002-5DG21	PVC/PUR	737			
6FX_002-5DG22	PVC/PUR	738	6FX_002-5DQ28	PVC/PUR	747
6FX_002-5DG23	PUR	738			
6FX_002-5DG31	PVC/PUR	738			
6FX_002-5DG32	PVC/PUR	738	6FX_002-5DQ38	PVC/PUR	747
6FX_002-5DG33	PUR	738			
6FX_002-5DG41	PVC/PUR	738	6FX_002-5DA48	PVC/PUR	746
6FX_002-5DG42	PVC/PUR	739	6FX_002-5DQ48	PVC/PUR	747
6FX_002-5DG43	PUR	739			
6FX_002-5DG51	PVC/PUR	739			
6FX_002-5DG52	PVC/PUR	739	6FX_002-5DQ58	PVC/PUR	747
6FX_002-5DG61	PVC/PUR	739			
6FX_002-5DG62	PVC/PUR	739	6FX_002-5DQ68	PVC/PUR	747
6FX_002-5DN01	PVC/PUR	740	6FX_002-5DN05	PVC/PUR	747
6FX_002-5DN06	PVC/PUR	740			
6FX_002-5DN11	PVC/PUR	740	6FX_002-5DN15	PVC/PUR	747
6FX_002-5DN16	PVC/PUR	740			
6FX_002-5DN21	PVC/PUR	740	6FX_002-5DQ28	PVC/PUR	747
6FX_002-5DN26	PVC/PUR	741			
6FX_002-5DN27	PVC/PUR	741			
6FX_002-5DN30	PUR/PVC	741			
6FX_002-5DN31	PVC/PUR	741	6FX_002-5DQ38	PVC/PUR	747
6FX_002-5DN41	PVC/PUR	741	6FX_002-5DQ48	PVC/PUR	747
6FX_002-5DN46	PVC/PUR	741			
6FX_002-5DN51	PVC/PUR	742			
6FX_002-5DN54	PVC/PUR	742	6FX_002-5DQ58	PVC/PUR	747
6FX_002-5DN56	PVC/PUR	742			
6FX_002-5DN61	PVC/PUR	742	6FX_002-5DQ68	PVC/PUR	747
6FX_002-5DN64	PVC/PUR	742	6FX_002-5DQ68	PVC/PUR	747
6FX_002-5DQ01	PVC/PUR	743	6FX_002-5DN05	PVC/PUR	747
6FX_002-5DQ11	PVC/PUR	743	6FX_002-5DN15	PVC/PUR	747
6FX_002-5DQ21	PVC/PUR	743	6FX_002-5DQ28	PVC/PUR	747
6FX_002-5DQ31	PVC/PUR	743	6FX_002-5DQ38	PVC/PUR	747
6FX_002-5DQ41	PVC/PUR	743	6FX_002-5DQ48	PVC/PUR	747

Basic cables	Jacket	Page	Extension cables	Jacket	Page
6FX_002-5DQ51	PVC/PUR	743	6FX_002-5DQ58	PVC/PUR	747
6FX_002-5DQ61	PVC/PUR	743	6FX_002-5DQ68	PVC/PUR	747
6FX_002-5DS01	PUR/PVC	743			
6FX_002-5DS06	PVC/PUR	744			
6FX_002-5DS11	PVC/PUR	744	6FX_002-5DA15	PVC/PUR	746
6FX_002-5DS13	PVC/PUR	744			
6FX_002-5DS21	PUR/PVC	744			
6FX_002-5DS23	PUR	744			
6FX_002-5DS33	PUR	744			
6FX_002-5DS36	PVC/PUR	744			
6FX_002-5DS41	PVC/PUR	745	6FX_002-5DA48	PVC/PUR	746
6FX_002-5DS43	PUR	745			
6FX_002-5DS51	PVC/PUR	745			
6FX_002-5DS54	PVC/PUR	745			
6FX_002-5DS61	PUR/PVC	745			
6FX_002-5DS64	PVC/PUR	745			
<b>Hybrid servo cables</b>					
6FX_002-8QN04	PUR	749	6FX_002-8QE04	PUR	749
6FX_002-8QN08	PUR	749	6FX_002-8QE08	PUR	749
6FX_002-8QN11 <b>New!</b>	PUR	749	6FX_002-8QE11 <b>New!</b>	PUR	749
6FX_002-8QN21 <b>New!</b>	PUR	749	6FX_002-8QE21 <b>New!</b>	PUR	749
<b>Signal cables</b>					
6FX8002-2CF20	PVC/PUR/TPE	750			
6FX8002-2CQ31	PVC/PUR/TPE	750	6FX8002-2CQ34	PVC/PUR/TPE	755
6FX8002-2DC40	PVC/PUR	750			
6FX8002-2DC42	PVC/PUR	750			
6FX_002-1DC00	PUR/PVC	750	6FX_002-2DC34	PUR/PVC	756
6FX_002-2AD00	TPE/PVC/PUR	750	6FX_002-2AD04	TPE/PVC/PUR	755
6FX_002-2AH00	TPE/PVC/PUR	751	6FX_002-2AH04	TPE/PVC/PUR	755
6FX_002-2AH11	PVC/PUR/TPE	751			
6FX_002-2CA11	TPE/PVC/PUR	751	6FX_002-2CB54	TPE/PVC/PUR	755
6FX_002-2CA15	TPE/PVC/PUR	751	6FX_002-2CA54	TPE/PVC/PUR	755
6FX_002-2CA31	TPE/PVC/PUR	751	6FX_002-2CA34	TPE/PVC/PUR	755
6FX_002-2CA51	TPE/PVC/PUR	751	6FX_002-2CA54	TPE/PVC/PUR	755
6FX_002-2CA71	TPE/PVC/PUR	752			
6FX_002-2CB31	TPE/PUR	752			
6FX_002-2CB51	TPE/PVC/PUR	752	6FX_002-2CC14	TPE/PVC/PUR	756
6FX_002-2CC11	TPE/PVC/PUR	752	6FX_002-2CB54	TPE/PVC/PUR	755
6FX_002-2CD01	TPE/PVC/PUR	752	6FX_002-2CB54	TPE/PVC/PUR	755
6FX_002-2CF01	TPE/PVC/PUR	752			
6FX_002-2CF02	TPE/PVC/PUR	752	6FX_002-2CF04	TPE/PVC/PUR	756
6FX_002-2CG00	TPE/PVC/PUR	752	6FX_002-2CB54	TPE/PVC/PUR	755
6FX_002-2CH00	TPE/PVC/PUR	753	6FX_002-2AD04	TPE/PVC/PUR	755
6FX_002-2CK00	TPE/PVC/PUR	753			
6FX_002-2CL00	TPE/PVC/PUR	753			
6FX_002-2CR00	PVC/PUR/TPE	753			
6FX_002-2CT12	PVC/PUR/TPE	753			
6FX_002-2DB10	PUR	753			
6FX_002-2DC10	PUR/PVC	754	6FX_002-2DC34	PUR/PVC	756
6FX_002-2DC20	PUR/PVC	756	6FX_002-2DC34	PUR/PVC	756
6FX_002-2DC36	PVC/PUR	754			

Basic cables	Jacket	Page	Extension cables	Jacket	Page
<b>Siemens</b>					
<b>Signal cables</b>					
6FX_002-2EQ00	TPE/PVC/PUR	754			
6FX_002-2EQ10	TPE/PVC/PUR	754	6FX_002-2EQ14	TPE/PVC/PUR	756
6FX_002-2EQ20	PVC/PUR/TPE	754			
6FX_002-2EQ31	PVC/PUR/TPE	754			
6FX_002-5BL03	PVC/PUR	754			
6fx3002-2CT10	PVC/PUR/TPE	755			
<b>Signal cables DriveCliq</b>					
6FX8002-2DC30-1AD0(3m)	PUR	757	6FX8002-2DC34-1DA0(30m)	PUR	757
6FX8002-2DC30-1AF0(5m)	PUR	757	6FX8002-2DC34-1AF0(5m)	PUR	757
6FX8002-2DC30-1BA0(10m)	PUR	757	6FX8002-2DC34-1BA0(10m)	PUR	757
6FX8002-2DC30-1BF0(15m)	PUR	757	6FX8002-2DC34-1BF0(15m)	PUR	757
6FX8002-2DC30-1CA0(20m)	PUR	757	6FX8002-2DC34-1CA0(20m)	PUR	757
6FX8002-2DC30-1CF0(25m)	PUR	757	6FX8002-2DC34-1CF0(25m)	PUR	757
6FX8002-2DC30-1DA0(30m)	PUR	757	6FX8002-2DC34-1DA0(30m)	PUR	757
<b>Stöber</b>					
<b>Servo cables</b>					
Gr.1,5-Motor-10,0mm <sup>2</sup>	PUR/PVC	758			
Gr.1,5-Motor-4,0mm <sup>2</sup>	PUR/PVC	758			
Gr.1,5-Motor-6,0mm <sup>2</sup>	PUR/PVC	758			
Gr.1-Motor-1,0mm <sup>2</sup>	PUR/PVC	758			
Gr.1-Motor-1,5mm <sup>2</sup>	PUR/PVC	758			
Gr.1-Motor-2,5mm <sup>2</sup>	PUR/PVC	758			
Gr.1-Motor-4,0mm <sup>2</sup>	PUR/PVC	758			
<b>Encoder cables</b>					
Encoder ED/EK iSDS4000	TPE/PVC/PUR	759			
Encoder ES iSDS4000	TPE/PUR	759			
Encoder HTL	TPE/PVC/PUR	759			
Encoder iMDS5000	TPE/PVC/PUR	759			
Resolver iMDS5000	TPE/PVC/PUR	759			
Resolver iSDS4000	TPE/PVC/PUR	759			



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\* Technical information on the cable quality Code **01-31**: ► Page 568-571

Cable quality*	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Allen-Bradley/Rockwell Motor cables</b>				
<b>Basic cable</b>				
<b>2090-CPWM4DF-08AFxx</b>				
PVC M.I.	01	MAT9761795	(4G10)C	18.5 7.5
PUR O.I.	06	MAT9861793	(4G10)C	18.0 10
TPE F	02	MAT9961791	(4G10)C	18.5 7.5
TPE H*	03	MAT9961790	(4G10)C	18.5 7.5
<b>2090-CPWM4DF-10AFxx</b>				
PVC M.I.	01	MAT9761796	(4G6.0)C	16.0 7.5
PUR O.I.	06	MAT9861794	(4G6.0)C	15.0 10
TPE F	02	MAT9961793	(4G6.0)C	16.0 7.5
TPE H*	03	MAT9961792	(4G6.0)C	16.0 7.5

**Basic cable**

<b>2090-CPWM4DF-12AFxx</b>				
PVC M.I.	01	MAT9761797	(4G4.0)C	13.0 7.5
PUR O.I.	06	MAT9861795	(4G4.0)C	13.0 10
TPE F	02	MAT9961795	(4G4.0)C	13.0 7.5
TPE H*	03	MAT9961794	(4G4.0)C	13.0 7.5
<b>2090-CPWM4DF-14AFxx</b>				
PVC M.I.	01	MAT9761798	(4G2.5)C	11.5 7.5
PUR O.I.	06	MAT9861796	(4G2.5)C	11.5 10
PUR M.I.	07	MAT9861798	(4G2.5)C	12.5 7.5
TPE F	02	MAT9961797	(4G2.5)C	11.5 7.5
TPE H*	03	MAT9961796	(4G2.5)C	11.5 7.5
<b>2090-CPWM4DF-16AFxx</b>				
PVC M.I.	01	MAT9761799	(4G1.5)C	10.0 7.5
PUR O.I.	06	MAT9861797	(4G1.5)C	10.0 10
PUR M.I.	07	MAT9861799	(4G1.5)C	11.0 7.5
TPE F	02	MAT9961799	(4G1.5)C	10.0 7.5
TPE H*	03	MAT9961798	(4G1.5)C	10.0 7.5

**Basic cable**

<b>2090-CPWM7DF-02AF</b>				
PVC M.I.	01	MAT9761715	(4G35)C	31.0 7.5
PUR O.I.	06	MAT9861711	(4G35)C	33.0 10
<b>2090-CPWM7DF-04AF</b>				
PVC M.I.	01	MAT9761714	(4G25)C	27.5 7.5
PUR O.I.	06	MAT9861710	(4G25)C	25.5 10
TPE F	02	MAT9961725	(4G25)C	27.5 7.5
TPE H*	03	MAT9961726	(4G25)C	27.0 7.5

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.

igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core

\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality*	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Allen-Bradley/Rockwell Motor cables</b>				
<b>2090-CPWM7DF-06AF</b>				
PVC M.I.	01	MAT9761713	(4G16)C	23.0 7.5
PUR O.I.	06	MAT9861709	(4G16)C	22.0 10
TPE F	02	MAT9961723	(4G16)C	23.0 7.5
TPE H*	03	MAT9961724	(4G16)C	23.0 7.5
<b>2090-CPWM7DF-08AFxx</b>				
PVC M.I.	01	MAT9761704	(4G10)C	18.5 7.5
PUR O.I.	06	MAT9861706	(4G10)C	18.0 10
TPE F	02	MAT9961707	(4G10)C	18.5 7.5
TPE H*	03	MAT9961708	(4G10)C	18.5 7.5
<b>2090-CPWM7DF-10AFxx</b>				
PVC M.I.	01	MAT9761703	(4G6.0)C	16.0 7.5
PUR O.I.	06	MAT9861705	(4G6.0)C	15.0 10
TPE F	02	MAT9961705	(4G6.0)C	16.0 7.5
TPE H*	03	MAT9961706	(4G6.0)C	16.0 7.5

**Basic cable**

<b>2090-CPWM7DF-12AFxx</b>				
PVC M.I.	01	MAT9761702	(4G4.0)C	13.0 7.5
PUR O.I.	06	MAT9861704	(4G4.0)C	13.0 10
TPE F	02	MAT9961709	(4G4.0)C	13.0 7.5
TPE H*	03	MAT9961704	(4G4.0)C	13.0 7.5
<b>2090-CPWM7DF-14AFxx</b>				
PVC M.I.	01	MAT9761701	(4G2.5)C	11.5 7.5
PUR O.I.	06	MAT9861703	(4G2.5)C	11.5 10
PUR M.I.	07	MAT9861702	(4G2.5)C	12.5 7.5
TPE F	02	MAT9961710	(4G2.5)C	11.5 7.5
TPE H*	03	MAT9961711	(4G2.5)C	11.5 7.5
<b>2090-CPWM7DF-16AFxx</b>				
PVC M.I.	01	MAT9761758	(4G1.5)C	10.0 7.5
PUR O.I.	06	MAT9861760	(4G1.5)C	10.0 10
PUR M.I.	07	MAT9861759	(4G1.5)C	11.0 7.5
TPE F	02	MAT9961761	(4G1.5)C	10.0 7.5

**Basic cable**

<b>2090-XX_PMP-10SXX</b>				
PVC M.I.	01	MAT9761712	(4G6.0)C	16.0 7.5
PUR O.I.	06	MAT9961718	(4G6.0)C	15.0 10
TPE F	02	MAT9961703	(4G6.0)C	16.0 7.5
TPE H*	03	MAT9961715	(4G6.0)C	16.0 7.5

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.

igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core

\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality*	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
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## Allen-Bradley/Rockwell Motor cables

## Basic cable



## 2090-XX\_PMP-14SXX

PVC M.I.	<b>01</b>	MAT9761711	(4G2.5)C	11.5	7.5
PUR O.I.	<b>06</b>	MAT9961717	(4G2.5)C	11.5	10
PUR M.I.	<b>07</b>	MAT9851711	(4G2.5)C	12.5	7.5
TPE F	<b>02</b>	MAT9961702	(4G2.5)C	11.5	7.5
TPE H*	<b>03</b>	MAT9961714	(4G2.5)C	11.5	7.5

## 2090-XX\_PMP-16SXX

PVC M.I.	<b>01</b>	MAT9761710	(4G1.5)C	10.0	7.5
PUR O.I.	<b>06</b>	MAT9961716	(4G1.5)C	10.0	10
PUR M.I.	<b>07</b>	MAT9861701	(4G1.5)C	11.0	7.5
TPE F	<b>02</b>	MAT9961701	(4G1.5)C	10.0	7.5
TPE H*	<b>03</b>	MAT9961713	(4G1.5)C	10.0	7.5

## Extension cable



## 2090-CPWM7E7-08AF

PUR O.I.	<b>06</b>	MAT9861716	(4G10)C	18.0	10
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## 2090-CPWM7E7-10AF

PUR O.I.	<b>06</b>	MAT9861715	(4G6.0)C	15.0	10
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## Extension cable



## 2090-CPWM7E7-12AF

PUR O.I.	<b>06</b>	MAT9861714	(4G4.0)C	13.0	10
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## 2090-CPWM7E7-14AF

PUR O.I.	<b>06</b>	MAT9861713	(4G2.5)C	11.5	10
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## 2090-CPWM7E7-16AF

PUR O.I.	<b>06</b>	MAT9861712	(4G1.5)C	10.0	10
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## Allen-Bradley/Rockwell Servo cables

## Basic cable



## 2090-CPBM4DF-08AFxx

PVC M.I.	<b>05</b>	MAT9751799	(4G10+(2x1.5)C)C	21.5	7.5
PUR O.I.	<b>06</b>	MAT9851798	(4G10+(2x1.5)C)C	21.0	10
PUR M.I.	<b>07</b>	MAT9851799	(4G10+(2x1.5)C)C	21.0	7.5

## 2090-CPBM4DF-10AFxx

PVC O.I.	<b>04</b>	MAT9751797	(4G6.0+(2x1.5)C)C	16.5	10
PVC M.I.	<b>05</b>	MAT9751798	(4G6.0+(2x1.5)C)C	18.0	7.5
PUR O.I.	<b>06</b>	MAT9851796	(4G6.0+(2x1.5)C)C	16.5	10
PUR M.I.	<b>07</b>	MAT9851797	(4G6.0+(2x1.5)C)C	17.5	7.5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.

igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core

\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality*	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
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## Allen-Bradley/Rockwell Servo cables

## Basic cable



## 2090-CPBM4DF-12AFxx

PVC O.I.	<b>04</b>	MAT9751795	(4G4.0+(2x1.5)C)C	15.0	10
PVC M.I.	<b>05</b>	MAT9751796	(4G4.0+(2x1.5)C)C	16.0	7.5
PUR O.I.	<b>06</b>	MAT9851794	(4G4.0+(2x1.5)C)C	15.0	10
PUR M.I.	<b>07</b>	MAT9851795	(4G4.0+(2x1.5)C)C	16.0	7.5

## 2090-CPBM4DF-14AFxx

PVC O.I.	<b>04</b>	MAT9751791	(4G2.5+(2x1.5)C)C	14.0	10
PVC M.I.	<b>05</b>	MAT9751792	(4G2.5+(2x1.5)C)C	14.5	7.5
PUR O.I.	<b>06</b>	MAT9851790	(4G2.5+(2x1.5)C)C	14.0	10
PUR M.I.	<b>07</b>	MAT9851791	(4G2.5+(2x1.5)C)C	14.5	7.5

## 2090-CPBM4DF-16AFxx

PVC O.I.	<b>04</b>	MAT9751757	(4G1.5+(2x1.5)C)	12.5	10
PVC M.I.	<b>05</b>	MAT9751756	(4G1.5+(2x1.5)C)	13.0	7.5
PUR O.I.	<b>06</b>	MAT9851755	(4G1.5+(2x1.5)C)	12.5	10
PUR M.I.	<b>07</b>	MAT9851754	(4G1.5+(2x1.5)C)	13.0	7.5

## Basic cable



## 2090-CPBM7DF-02AF

PUR M.I.	<b>07</b>	MAT9851745	(4G35+(2x1.5)C)C	32.0	7,5
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## 2090-CPBM7DF-04AF

PUR O.I.	<b>06</b>	MAT9851743	(4G25+(2x1.5)C)C	28.5	10
PUR M.I.	<b>07</b>	MAT9851744	(4G25+(2x1.5)C)C	28.0	7.5

## Basic cable



## 2090-CPBM7DF-06AF

PUR O.I.	<b>06</b>	MAT9851741	(4G16+(2x1.5)C)C	24.0	10
PUR M.I.	<b>07</b>	MAT9851742	(4G16+(2x1.5)C)C	24.0	7.5

## 2090-CPBM7DF-08AFxx

PVC M.I.	<b>05</b>	MAT9751745	(4G10+(2x1.5)C)C	21.5	7.5
PUR O.I.	<b>06</b>	MAT9851736	(4G10+(2x1.5)C)C	21.0	10
PUR M.I.	<b>07</b>	MAT9851735	(4G10+(2x1.5)C)C	21.0	7.5

## 2090-CPBM7DF-10AFxx

PVC O.I.	<b>04</b>	MAT9751706	(4G6.0+(2x1.5)C)C	16.5	10
PVC M.I.	<b>05</b>	MAT9751705	(4G6.0+(2x1.5)C)C	18.0	7.5
PUR O.I.	<b>06</b>	MAT9851712	(4G6.0+(2x1.5)C)C	16.5	10
PUR M.I.	<b>07</b>	MAT9851705	(4G6.0+(2x1.5)C)C	17.5	7.5

## 2090-CPBM7DF-12AFxx

PVC O.I.	<b>04</b>	MAT9751793	(4G4.0+(2x1.5)C)C	15.0	10
PVC M.I.	<b>05</b>	MAT9751794	(4G4.0+(2x1.5)C)C	16.0	7.5
PUR O.I.	<b>06</b>	MAT9851792	(4G4.0+(2x1.5)C)C	15.0	10
PUR M.I.	<b>07</b>	MAT9851793	(4G4.0+(2x1.5)C)C	16.0	7.5

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality*	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Allen-Bradley/Rockwell Servo cables</b>				
<b>Basic cable</b>				
<b>2090-CPBM7DF-14AFxx</b>				
PVC O.I.	04	MAT9751744	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9751743	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR O.I.	06	MAT9851734	(4G2.5+(2x1.5)C)C	14.0 10
PUR M.I.	07	MAT9851733	(4G2.5+(2x1.5)C)C	14.5 7.5
<b>2090-CPBM7DF-16AFxx</b>				
PVC O.I.	04	MAT9751742	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9751741	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9851732	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9851731	(4G1.5+(2x1.5)C)	13.0 7.5
<b>Basic cable</b>				
<b>2090-XX_PMF-10SXX</b>				
PVC O.I.	04	MAT9711730	(4G6.0+(2x1.5)C)C	16.5 10
PVC M.I.	05	MAT9961722	(4G6.0+(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9811726	(4G6.0+(2x1.5)C)C	16.5 10
PUR M.I.	07	MAT9851708	(4G6.0+(2x1.5)C)C	17.5 7.5
<b>Basic cable</b>				
<b>2090-XX_PMF-14SXX</b>				
PVC O.I.	04	MAT9711729	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9961721	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR O.I.	06	MAT9811725	(4G2.5+(2x1.5)C)C	14.0 10
PUR M.I.	07	MAT9851707	(4G2.5+(2x1.5)C)C	14.5 7.5
<b>2090-XX_PMF-16SXX</b>				
PVC O.I.	04	MAT9711728	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9961720	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9811724	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9851706	(4G1.5+(2x1.5)C)	13.0 7.5
<b>Extension cable</b>				
<b>2090-CPBM7E7-08AFxx</b>				
PVC M.I.	05	MAT9751709	(4G10+(2x1.5)C)C	21.5 7.5
PUR O.I.	06	MAT9851710	(4G10+(2x1.5)C)C	21.0 10
PUR M.I.	07	MAT9851709	(4G10+(2x1.5)C)C	21.0 7.5

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality*	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Allen-Bradley/Rockwell Servo cables</b>				
<b>2090-CPBM7E7-10AFxx</b>				
PVC O.I.	04	MAT9751708	(4G6.0+(2x1.5)C)C	16.5 10
PVC M.I.	05	MAT9751707	(4G6.0+(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9851714	(4G6.0+(2x1.5)C)C	16.5 10
PUR M.I.	07	MAT9851713	(4G6.0+(2x1.5)C)C	17.5 7.5
<b>Extension cable</b>				
<b>2090-CPBM7E7-12AFxx</b>				
PVC O.I.	04	MAT9751789	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9751790	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR O.I.	06	MAT9851788	(4G2.5+(2x1.5)C)C	14.0 10
PUR M.I.	07	MAT9851789	(4G2.5+(2x1.5)C)C	14.5 7.5
<b>2090-CPBM7E7-14AFxx</b>				
PVC O.I.	04	MAT9751747	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9751746	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR O.I.	06	MAT9851738	(4G2.5+(2x1.5)C)C	14.0 10
PUR M.I.	07	MAT9851737	(4G2.5+(2x1.5)C)C	14.5 7.5
<b>2090-CPBM7E7-16AFxx</b>				
PVC O.I.	04	MAT9751749	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9751748	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9851740	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9851739	(4G1.5+(2x1.5)C)	13.0 7.5
<b>Allen-Bradley/Rockwell Hybrid servo cables</b>				
<b>Basic cable</b>				
<b>2090-CSBM1DE-10AF</b>				
PUR O.I.	27	MAT9851723	(4G6.0+(2x1.0)C)+(2xAWG22)C)C	17.5 10
<b>Basic cable</b>				
<b>2090-CSBM1DE-14AF</b>				
PVC O.I.	26	MAT9751711	(4G2.5+(2x1.0)C)+(2xAWG22)C)C	14.5 10
PUR O.I.	27	MAT9851720	(4G2.5+(2x1.0)C)+(2xAWG22)C)C	14.5 10
<b>2090-CSBM1DE-18AF</b>				
PVC O.I.	26	MAT9751710	(4G2.5+(2x1.0)C)+(2xAWG22)C)C	14.5 10
PUR O.I.	27	MAT9851719	(4G2.5+(2x1.0)C)+(2xAWG22)C)C	14.5 10

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality*	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Allen-Bradley/Rockwell Hybrid servo cables</b>				
<b>Basic cable</b>				
<b>2090-CSBM1DF-10AF</b>				
PUR O.I.	27	MAT9851717	(4G6.0+(2x1.0)C+(2xAWG22)C)C	17.5 10
<b>2090-CSBM1DF-14AF</b>				
PVC O.I.	26	MAT9751703	(4G2.5+(2x1.0)C+(2xAWG22)C)C	14.5 10
PUR O.I.	27	MAT9851703	(4G2.5+(2x1.0)C+(2xAWG22)C)C	14.5 10
<b>2090-CSBM1DF-18AF</b>				
PVC O.I.	26	MAT9751701	(4G1.0+(2x0.75)C+(2xAWG22)C)C	12.0 10
PUR O.I.	27	MAT9851701	(4G1.0+(2x0.75)C+(2xAWG22)C)C	12.0 10
<b>Basic cable</b>				
<b>2090-CSBM1DG-10AF</b>				
PUR O.I.	27	MAT9851750	(4G6.0+(2x1.0)C+(2xAWG22)C)C	17.5 10
<b>Basic cable</b>				
<b>2090-CSBM1DG-14AF</b>				
PVC O.I.	26	MAT9751719	(4G2.5+(2x1.0)C+(2xAWG22)C)C	14.5 10
PUR O.I.	27	MAT9851747	(4G2.5+(2x1.0)C+(2xAWG22)C)C	14.5 10
<b>2090-CSBM1DG-18AF</b>				
PVC O.I.	26	MAT9751718	(4G1.0+(2x0.75)C+(2xAWG22)C)C	12.0 10
PUR O.I.	27	MAT9851746	(4G1.0+(2x0.75)C+(2xAWG22)C)C	12.0 10
<b>Basic cable</b>				
<b>2090-CSWM1DE-10AF</b>				
PUR O.I.	27	MAT9851724	(4G6.0+(2x1.0)C+(2xAWG22)C)C	17.5 10
<b>Basic cable</b>				
<b>2090-CSWM1DE-14AF</b>				
PVC O.I.	26	MAT9751713	(4G2.5+(2x1.0)C+(2xAWG22)C)C	14.5 10
PUR O.I.	27	MAT9851722	(4G2.5+(2x1.0)C+(2xAWG22)C)C	14.5 10
<b>2090-CSWM1DE-18AF</b>				
PVC O.I.	26	MAT9751712	(4G1.0+(2x0.75)C+(2xAWG22)C)C	12.0 10
PUR O.I.	27	MAT9851721	(4G1.0+(2x0.75)C+(2xAWG22)C)C	12.0 10

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality*	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Allen-Bradley/Rockwell Hybrid servo cables</b>				
<b>Basic cable</b>				
<b>2090-CSWM1DF-10AF</b>				
PUR O.I.	27	MAT9851718	(4G6.0+(2x1.0)C+(2xAWG22)C)C	17.5 10
<b>Basic cable</b>				
<b>2090-CSWM1DF-14AF</b>				
PVC O.I.	26	MAT9751704	(4G2.5+(2x1.0)C+(2xAWG22)C)C	14.5 10
PUR O.I.	27	MAT9851704	(4G2.5+(2x1.0)C+(2xAWG22)C)C	14.5 10
<b>2090-CSWM1DF-18AF</b>				
PVC O.I.	26	MAT9751702	(4G1.0+(2x0.75)C+(2xAWG22)C)C	12.0 10
PUR O.I.	27	MAT9851702	(4G1.0+(2x0.75)C+(2xAWG22)C)C	12.0 10
<b>Basic cable</b>				
<b>2090-CSWM1DG-10AF</b>				
PUR O.I.	27	MAT9851751	(4G6.0+(2x1.0)C+(2xAWG22)C)C	17.5 10
<b>Basic cable</b>				
<b>2090-CSWM1DG-14AF</b>				
PVC O.I.	26	MAT9751721	(4G2.5+(2x1.0)C+(2xAWG22)C)C	14.5 10
PUR O.I.	27	MAT9851749	(4G2.5+(2x1.0)C+(2xAWG22)C)C	14.5 10
<b>2090-CSWM1DG-18AF</b>				
PVC O.I.	26	MAT9751720	(4G1.0+(2x0.75)C+(2xAWG22)C)C	12.0 10
PUR O.I.	27	MAT9851748	(4G1.0+(2x0.75)C+(2xAWG22)C)C	12.0 10
<b>Extension cable</b>				
<b>2090-CSBM1E1-10AF</b>				
PUR O.I.	27	MAT9851729	(4G6.0+(2x1.0)C+(2xAWG22)C)C	17.5 10
<b>Extension cable</b>				
<b>2090-CSBM1E1-14AF</b>				
PVC O.I.	26	MAT9751715	(4G2.5+(2x1.0)C+(2xAWG22)C)C	14.5 10
PUR O.I.	27	MAT9851726	(4G2.5+(2x1.0)C+(2xAWG22)C)C	14.5 10
<b>2090-CSBM1E1-18AF</b>				
PVC O.I.	26	MAT9751714	(4G1.0+(2x0.75)C+(2xAWG22)C)C	12.0 10
PUR O.I.	27	MAT9851725	(4G1.0+(2x0.75)C+(2xAWG22)C)C	12.0 10

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality*	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
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## Allen-Bradley/Rockwell Hybrid servo cables

## Extension cable



## 2090-CSWM1E1-10AF

PUR O.I.	27	MAT9851730	(4G6.0+(2x1.0)C+(2xAWG22)C)C	17.5	10
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## Extension cable



## 2090-CSWM1E1-14AF

PVC O.I.	26	MAT9751717	(4G2.5+(2x1.0)C+(2xAWG22)C)C	14.5	10
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PUR O.I.	27	MAT9851728	(4G2.5+(2x1.0)C+(2xAWG22)C)C	14.5	10
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## 2090-CSWM1E1-18AF

PVC O.I.	26	MAT9751716	(4G1.0+(2x0.75)C+(2xAWG22)C)C	12.0	10
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PUR O.I.	27	MAT9851727	(4G1.0+(2x0.75)C+(2xAWG22)C)C	12.0	10
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## Allen-Bradley/Rockwell Brake cables

## Basic cable



## 2090-UX\_BMP-18SXX

PVC M.I.	18	MAT9711727	(3G0.75)C	8.0	7.5
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PVC OIL	20	MAT9961719	(3G0.75)C	8.0	6.8
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PUR M.I.	22	MAT9811705	(3G0.75)C	8.0	6.8
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## Allen-Bradley/Rockwell Feedback cables

## Basic cable



## 2090-CFBM4DF-CDAFxx

PUR O.I.	09	MAT9841775	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	9.0	10
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PUR M.I.	10	MAT9841753	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	10.0	7.5
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TPE H*	11	MAT9941768	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	10.0	6.8
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## 2090-CFBM4DF-CEAFxx

PUR O.I.	09	MAT9841796	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	9.0	10
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PUR M.I.	10	MAT9841798	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	10.0	7.5
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TPE H*	11	MAT9941799	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	10.0	6.8
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## Basic cable



## 2090-CFBM7DD-CDAFxx

PUR M.I.	10	MAT9841795	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	10.0	7.5
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## 2090-CFBM7DD-CEAFxx

PUR M.I.	10	MAT9841797	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	10.0	7.5
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Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.

igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core

\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality*	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
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## Allen-Bradley/Rockwell Feedback cables

## Basic cable



## 2090-CFBM7DF-CDAFxx

PUR O.I.	09	MAT9841771	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	9.0	10
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PUR M.I.	10	MAT9841750	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	10.0	7.5
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TPE H*	11	MAT9941764	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	10.0	6.8
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## 2090-CFBM7DF-CEAFxx

PUR O.I.	09	MAT9841774	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	9.0	10
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PUR M.I.	10	MAT9841752	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	10.0	7.5
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TPE H*	11	MAT9941767	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	10.0	6.8
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## Basic cable



## 2090-XX\_FMF-Sxx

PUR O.I.	09	MAT9941709	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	9.0	10
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PUR M.I.	10	MAT9841770	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	10.0	7.5
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TPE H*	11	MAT9941763	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	10.0	6.8
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## Basic cable



## 2090-XX\_FMP-Sxx

PUR O.I.	09	MAT9841769	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	9.0	10
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PUR M.I.	10	MAT9941704	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	10.0	7.5
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TPE H*	11	MAT9941762	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	10.0	6.8
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## Extension cable



## 2090-CFBM7E7-CDAFxx

PUR O.I.	09	MAT9841772	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	9.0	10
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PUR M.I.	10	MAT9841751	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	10.0	7.5
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TPE H*	11	MAT9941765	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	10.0	6.8
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## 2090-CFBM7E7-CEAFxx

PUR O.I.	09	MAT9841773	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	9.0	10
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PUR M.I.	10	MAT9741776	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	10.0	7.5
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TPE H*	11	MAT9941766	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	10.0	6.8
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## Allen-Bradley/Rockwell Adapter cables (transition cables)

## Basic cable



## 2090-CFBM4E2-CATR

PUR O.I.	09	MAT9841799	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	9.0	10
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## Basic cable



## 2090-CPWM4E2-14TR

PUR O.I.	06	MAT9861792	(4G2.5)C	11.5	10
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# Harnessed drive cables | B&R

## PVC/PUR

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>B&amp;R Motor cables</b>				
<b>Basic cable</b>				
<b>8BCMxxxx.1011A-0</b>				
PVC M.I.	05	MAT9610008	(4G0.75+2x(2x0.34))C	12.5 7.5
PUR O.I.	06	MAT9850108	(4G0.75+2x(2x0.34))C	12.0 10
PUR M.I.	07	MAT9600008	(4G0.75+2x(2x0.34))C	12.5 7.5
<b>Basic cable</b>				
<b>8BCMxxxx.1034C-0</b>				
PVC M.I.	05	MAT9610009	(4G0.75+2x(2x0.34))C	12.5 7.5
PUR O.I.	06	MAT9850109	(4G0.75+2x(2x0.34))C	12.0 10
PUR M.I.	07	MAT9600009	(4G0.75+2x(2x0.34))C	12.5 7.5
<b>Basic cable</b>				
<b>8BCMxxxx.1312A-0</b>				
PVC O.I.	04	MAT9750106	(4G4.0+2x(2x1.5))C	17.0 10
PVC M.I.	05	MAT9610012	(4G4.0+2x(2x1.5))C	18.0 7.5
PUR O.I.	06	MAT9850106	(4G4.0+2x(2x1.5))C	17.0 10
PUR M.I.	07	MAT9600012	(4G4.0+2x(2x1.5))C	17.5 7.5
<b>Basic cable</b>				
<b>8BCMxxxx.1322A-0</b>				
PVC O.I.	04	MAT9750107	(4G4.0+2x(2x1.5))C	17.0 10
PVC M.I.	05	MAT9610013	(4G4.0+2x(2x1.5))C	18.0 7.5
PUR O.I.	06	MAT9850107	(4G4.0+2x(2x1.5))C	17.0 10
PUR M.I.	07	MAT9600013	(4G4.0+2x(2x1.5))C	17.5 7.5
<b>Basic cable</b>				
<b>8CMxxx.12-0</b>				
PVC M.I.	05	MAT9610000	(4G0.75+2x(2x0.34))C	12.5 7.5
PUR O.I.	06	MAT9850100	(4G0.75+2x(2x0.34))C	12.0 10
PUR M.I.	07	MAT9600000	(4G0.75+2x(2x0.34))C	12.5 7.5

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

# Harnessed drive cables | B&R

## PVC/PUR

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>B&amp;R Servo cables</b>				
<b>Basic cable</b>				
<b>8BCMxxxx.1111A-0</b>				
PVC O.I.	04	MAT9750104	(4G1.5+2x(2x0.75))C	13.5 10
PVC M.I.	05	MAT9610010	(4G1.5+2x(2x0.75))C	14.5 7.5
PUR O.I.	06	MAT9850104	(4G1.5+2x(2x0.75))C	13.5 10
PUR M.I.	07	MAT9600010	(4G1.5+2x(2x0.75))C	14.5 7.5
<b>8BCMxxxx.1311A-0</b>				
PVC O.I.	04	MAT9750105	(4G4.0+2x(2x1.5))C	17.0 10
PVC M.I.	05	MAT9610011	(4G1.5+2x(2x0.75))C	14.5 7.5
PUR O.I.	06	MAT9850105	(4G4.0+2x(2x1.5))C	17.0 10
PUR M.I.	07	MAT9600011	(4G1.5+2x(2x0.75))C	14.5 7.5
<b>Basic cable</b>				
<b>8CMxxx.12-1</b>				
PVC O.I.	04	MAT9750101	(4G1.5+2x(2x0.75))C	13.5 10
PVC M.I.	05	MAT9610001	(4G1.5+2x(2x0.75))C	14.5 7.5
PUR O.I.	06	MAT9850101	(4G1.5+2x(2x0.75))C	13.5 10
PUR M.I.	07	MAT9600001	(4G1.5+2x(2x0.75))C	14.5 7.5
<b>8CMxxx.12-3</b>				
PVC O.I.	04	MAT9750102	(4G4.0+2x(2x1.5))C	17.0 10
PVC M.I.	05	MAT9610002	(4G4.0+2x(2x1.5))C	18.0 7.5
PUR O.I.	06	MAT9850102	(4G4.0+2x(2x1.5))C	17.0 10
PUR M.I.	07	MAT9600002	(4G4.0+2x(2x1.5))C	17.5 7.5
<b>8CMxxx.12-5</b>				
PVC M.I.	05	MAT9610003	(4G10+2x(2x1.5))C	23.0 7.5
PUR O.I.	06	MAT9850103	(4G10+2x(2x1.5))C	22.5 10
PUR M.I.	07	MAT9600003	(4G10+2x(2x1.5))C	22.5 7.5
<b>Basic cable</b>				
<b>8ECHxxxx.1111A-0</b>				
PUR O.I.	27	MAT9850114	(4G1.5+(2x0.75)C +(2x2x0.14+2x0.25)C)	15.0 10
<b>Extension cable</b>				
<b>8BCFxxxx.12230-0</b>				
PVC	08	MAT9740101	((4x0.14)+2x(2x0.34))C	7.0 10
PUR O.I.	09	MAT9840115	((4x0.14)+2x(2x0.34))C	7.0 10

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

# Harnessed drive cables | B&R

## PVC/PUR/TPE

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
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### B&R Servo cables

#### Extension cable



#### 8BCMxxxx.10360-0

PVC M.I.	<b>05</b>	MAT9750108	(4G0.75+2x(2x0.34))C	12.5	7.5
PUR O.I.	<b>06</b>	MAT9850115	(4G0.75+2x(2x0.34))C	12.0	10
PUR M.I.	<b>07</b>	MAT9850116	(4G0.75+2x(2x0.34))C	12.5	7.5

#### Extension cable



#### 8ECH00xx.11140-0

PUR O.I.	<b>27</b>	MAT9850117	(4G1.5+(2x0.75)C +(2x2x0.14+2x0.25)C)	15.0	10
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### B&R EnDat cables

#### Basic cable



#### 8BCExxxx.1111A-0

PVC	<b>08</b>	MAT9670002	(5x(2x0.14)+2x0.5)C	8.0	10
PUR M.I.	<b>10</b>	MAT9820102	(5x(2x0.14)+2x0.5)C	9.0	7.5
TPE H*	<b>11</b>	MAT9660002	(5x(2x0.14)+2x0.5)C	8.5	6.8

#### 8CExxx.12-1

PVC	<b>08</b>	MAT9670001	(5x(2x0.14)+2x0.5)C	8.0	10
PUR M.I.	<b>10</b>	MAT9820101	(5x(2x0.14)+2x0.5)C	9.0	7.5
TPE H*	<b>11</b>	MAT9660001	(5x(2x0.14)+2x0.5)C	8.5	6.8

### B&R Encoder cables

#### Basic cable



#### 8BCFxxxx.1221B-0

PVC	<b>08</b>	MAT9670003	((4x0.14)+2x(2x0.34))C	7.0	10
PUR O.I.	<b>09</b>	MAT9840103	((4x0.14)+2x(2x0.34))C	7.0	10

#### Basic cable



#### 8BCRxxxx.1121A-0

PVC	<b>14</b>	MAT9640015	(3x(2x0.25))C	7.0	7.5
PUR	<b>15</b>	MAT9840105	(3x(2x0.25))C	7.0	7.5
TPE H*	<b>16</b>	MAT9630015	(3x(2x0.25))C	8.0	6.8

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.  
igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

# Harnessed drive cables | B&R

## PVC/PUR/TPE

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
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### B&R Encoder cables

#### Basic cable



#### 8BCSxxxx.1111A-0

PVC	<b>08</b>	MAT9670004	(5x(2x0.14)+2x0.5)C	8.0	10
PUR O.I.	<b>09</b>	MAT9840114	(5x(2x0.14)+2x0.5)C	8.0	10
PUR M.I.	<b>10</b>	MAT9820104	(5x(2x0.14)+2x0.5)C	9.0	7.5
TPE H*	<b>11</b>	MAT9660004	(5x(2x0.14)+2x0.5)C	8.5	6.8

### B&R Resolver cables

#### Basic cable



#### 8BCRxxx.1111A-0

PVC	<b>14</b>	MAT9640010	(3x(2x0.25))C	7.0	7.5
PUR	<b>15</b>	MAT9840102	(3x(2x0.25))C	7.0	7.5
TPE H*	<b>16</b>	MAT9630010	(3x(2x0.25))C	8.0	6.8

#### 8CRxxx.12-1

PVC	<b>14</b>	MAT9640001	(3x(2x0.25))C	7.0	7.5
PUR	<b>15</b>	MAT9840101	(3x(2x0.25))C	7.0	7.5
TPE H*	<b>16</b>	MAT9630001	(3x(2x0.25))C	8.0	6.8

### B&R Bus cables

#### Basic cable



#### X20CA3E61.xxxx

PVC OIL	<b>28</b>	MAT9630100	(4x0.38)C	7.0	12.5
PUR	<b>29</b>	MAT9730101	(4x0.38)C	7.0	12.5
TPE	<b>12</b>	MAT9930102	(4x0.38)C	7.5	10

#### Basic cable



#### X67CA0E41.xxxx


PVC OIL	<b>28</b>	MAT9630103	(4x0.38)C	7.0	12.5
PUR	<b>29</b>	MAT9730104	(4x0.38)C	7.0	12.5
TPE	<b>12</b>	MAT9930105	(4x0.38)C	7.5	10

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.  
igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

# Harnessed drive cables | Baumüller

## PVC/PUR

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571



Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Baumüller Servo cables</b>				
<b>15 A Basic cable</b>				
				
<b>324781 (5m)</b>				
PVC O.I.	04	MAT9750201	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9295001	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9850201	(4G1.5+2x(2x0.75)C)C	13.5 10
PUR M.I.	07	MAT9296001	(4G1.5+2x(2x0.75)C)C	14.5 7.5
<b>324782 (7m)</b>				
PVC O.I.	04	MAT9750202	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9295002	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9850202	(4G1.5+2x(2x0.75)C)C	13.5 10
PUR M.I.	07	MAT9296002	(4G1.5+2x(2x0.75)C)C	14.5 7.5
<b>324783 (10m)</b>				
PVC O.I.	04	MAT9750203	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9295003	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9850203	(4G1.5+2x(2x0.75)C)C	13.5 10
PUR M.I.	07	MAT9296003	(4G1.5+2x(2x0.75)C)C	14.5 7.5
<b>324784 (15m)</b>				
PVC O.I.	04	MAT9750204	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9295004	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9850204	(4G1.5+2x(2x0.75)C)C	13.5 10
PUR M.I.	07	MAT9296004	(4G1.5+2x(2x0.75)C)C	14.5 7.5
<b>324785 (20m)</b>				
PVC O.I.	04	MAT9750205	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9295005	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9850205	(4G1.5+2x(2x0.75)C)C	13.5 10
PUR M.I.	07	MAT9296005	(4G1.5+2x(2x0.75)C)C	14.5 7.5
<b>324786 (25m)</b>				
PVC O.I.	04	MAT9750206	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9295006	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9850206	(4G1.5+2x(2x0.75)C)C	13.5 10
PUR M.I.	07	MAT9296006	(4G1.5+2x(2x0.75)C)C	14.5 7.5
<b>324787 (30m)</b>				
PVC O.I.	04	MAT9750207	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9295007	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9850207	(4G1.5+2x(2x0.75)C)C	13.5 10
PUR M.I.	07	MAT9296007	(4G1.5+2x(2x0.75)C)C	14.5 7.5
<b>324788 (35m)</b>				
PVC O.I.	04	MAT9750208	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9295008	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9850208	(4G1.5+2x(2x0.75)C)C	13.5 10
PUR M.I.	07	MAT9296008	(4G1.5+2x(2x0.75)C)C	14.5 7.5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core \* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

# Harnessed drive cables | Baumüller

## PVC/PUR

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Baumüller Servo cables</b>				
<b>324789 (40m)</b>				
PVC O.I.	04	MAT9750209	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9295009	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9850209	(4G1.5+2x(2x0.75)C)C	13.5 10
PUR M.I.	07	MAT9296009	(4G1.5+2x(2x0.75)C)C	14.5 7.5
<b>324790 (50m)</b>				
PVC O.I.	04	MAT9750210	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9295010	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9850210	(4G1.5+2x(2x0.75)C)C	13.5 10
PUR M.I.	07	MAT9296010	(4G1.5+2x(2x0.75)C)C	14.5 7.5
<b>324791 (75m)</b>				
PVC O.I.	04	MAT9750211	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9295011	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9850211	(4G1.5+2x(2x0.75)C)C	13.5 10
PUR M.I.	07	MAT9296011	(4G1.5+2x(2x0.75)C)C	14.5 7.5
<b>324792 (100m)</b>				
PVC O.I.	04	MAT9750212	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9295012	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9850212	(4G1.5+2x(2x0.75)C)C	13.5 10
PUR M.I.	07	MAT9296012	(4G1.5+2x(2x0.75)C)C	14.5 7.5
<b>15 A Extension cable</b>				
				
<b>324781 (5m) (ext.)</b>				
PVC O.I.	04	MAT9750213	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9297001	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9850213	(4G1.5+2x(2x0.75)C)C	13.5 10
PUR M.I.	07	MAT9298001	(4G1.5+2x(2x0.75)C)C	14.5 7.5
<b>20 A Basic cable</b>				
				
<b>380967 (7m)</b>				
PVC O.I.	04	MAT9750215	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9295021	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9850215	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9296021	(4G2.5+2x(2x1.5)C)C	16.0 7.5
<b>413410 (10m)</b>				
PVC O.I.	04	MAT9750216	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9295022	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9850216	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9296022	(4G2.5+2x(2x1.5)C)C	16.0 7.5


Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core \* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915



# Harnessed drive cables | Baumüller

## PVC/PUR

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571



Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Baumüller Servo cables</b>				
<b>20 A Basic cable</b>				
				
<b>414840 (5m)</b>				
PVC O.I.	04	MAT9750214	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9295020	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9850214	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9296020	(4G2.5+2x(2x1.5)C)C	16.0 7.5
<b>414841 (15m)</b>				
PVC O.I.	04	MAT9750217	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9295023	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9850217	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9296023	(4G2.5+2x(2x1.5)C)C	16.0 7.5
<b>414842 (20m)</b>				
PVC O.I.	04	MAT9750218	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9295024	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9850218	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9296024	(4G2.5+2x(2x1.5)C)C	16.0 7.5
<b>414843 (25m)</b>				
PVC O.I.	04	MAT9750219	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9295025	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9850219	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9296025	(4G2.5+2x(2x1.5)C)C	16.0 7.5
<b>414846 (30m)</b>				
PVC O.I.	04	MAT9750220	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9295026	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9850220	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9296026	(4G2.5+2x(2x1.5)C)C	16.0 7.5
<b>414848 (35m)</b>				
PVC O.I.	04	MAT9750221	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9295027	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9850221	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9296027	(4G2.5+2x(2x1.5)C)C	16.0 7.5
<b>414849 (40m)</b>				
PVC O.I.	04	MAT9750222	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9295028	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9850222	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9296028	(4G2.5+2x(2x1.5)C)C	16.0 7.5
<b>414850 (50m)</b>				
PVC O.I.	04	MAT9750223	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9295029	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9850223	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9296029	(4G2.5+2x(2x1.5)C)C	16.0 7.5

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
 \* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

# Harnessed drive cables | Baumüller

## PVC/PUR

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571


Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Baumüller Servo cables</b>				
<b>414851 (75m)</b>				
PVC O.I.	04	MAT9750224	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9295030	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9850224	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9296030	(4G2.5+2x(2x1.5)C)C	16.0 7.5
<b>414852 (100m)</b>				
PVC O.I.	04	MAT9750225	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9295031	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9850225	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9296031	(4G2.5+2x(2x1.5)C)C	16.0 7.5
<b>20 A Extension cable</b>				
				
<b>414840 (5m) (ext.)</b>				
PVC O.I.	04	MAT9750226	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9297020	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9850226	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9298020	(4G2.5+2x(2x1.5)C)C	16.0 7.5
<b>21 A Basic cable</b>				
				
<b>326577 (5m)</b>				
PVC O.I.	04	MAT9750227	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9295040	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9850227	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9296040	(4G2.5+2x(2x1.5)C)C	16.0 7.5
<b>326578 (7m)</b>				
PVC O.I.	04	MAT9750228	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9295041	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9850228	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9296041	(4G2.5+2x(2x1.5)C)C	16.0 7.5
<b>326579 (10m)</b>				
PVC O.I.	04	MAT9750229	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9295042	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9850229	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9296042	(4G2.5+2x(2x1.5)C)C	16.0 7.5
<b>326580 (15m)</b>				
PVC O.I.	04	MAT9750230	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9295043	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9850230	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9296043	(4G2.5+2x(2x1.5)C)C	16.0 7.5

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 \* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

# Harnessed drive cables | Baumüller

## PVC/PUR

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571



Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Baumüller Servo cables</b>				
<b>21 A Basic cable</b>				
				
<b>326581 (20m)</b>				
PVC O.I.	04	MAT9750231	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9295044	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9850231	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9296044	(4G2.5+2x(2x1.5)C)C	16.0 7.5
<b>326582 (25m)</b>				
PVC O.I.	04	MAT9750232	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9295045	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9850232	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9296045	(4G2.5+2x(2x1.5)C)C	16.0 7.5
<b>326583 (30m)</b>				
PVC O.I.	04	MAT9750233	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9295046	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9850233	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9296046	(4G2.5+2x(2x1.5)C)C	16.0 7.5
<b>326584 (35m)</b>				
PVC O.I.	04	MAT9750234	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9295047	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9850234	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9296047	(4G2.5+2x(2x1.5)C)C	16.0 7.5
<b>326585 (40m)</b>				
PVC O.I.	04	MAT9750235	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9295048	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9850235	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9296048	(4G2.5+2x(2x1.5)C)C	16.0 7.5
<b>326586 (50m)</b>				
PVC O.I.	04	MAT9750236	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9295049	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9850236	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9296049	(4G2.5+2x(2x1.5)C)C	16.0 7.5
<b>326587 (75m)</b>				
PVC O.I.	04	MAT9750237	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9295050	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9850237	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9296050	(4G2.5+2x(2x1.5)C)C	16.0 7.5
<b>326588 (100m)</b>				
PVC O.I.	04	MAT9750238	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9295051	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9850238	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9296051	(4G2.5+2x(2x1.5)C)C	16.0 7.5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
 \* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

# Harnessed drive cables | Baumüller

## PVC/PUR

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Baumüller Servo cables</b>				
<b>21 A Extension cable</b>				
				
<b>326577 (5m) (ext.)</b>				
PVC O.I.	04	MAT9750239	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9297040	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9850239	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9298040	(4G2.5+2x(2x1.5)C)C	16.0 7.5
<b>28 A Basic cable</b>				
				
<b>326589 (5m)</b>				
PVC O.I.	04	MAT9750240	(4G4.0+2x(2x1.5)C)C	17.0 10
PVC M.I.	05	MAT9295060	(4G4.0+2x(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9850240	(4G4.0+2x(2x1.5)C)C	17.0 10
PUR M.I.	07	MAT9296060	(4G2.5+2x(2x1.5)C)C	16.0 7.5
<b>326591 (7m)</b>				
PVC O.I.	04	MAT9750241	(4G4.0+2x(2x1.5)C)C	17.0 10
PVC M.I.	05	MAT9295061	(4G4.0+2x(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9850241	(4G4.0+2x(2x1.5)C)C	17.0 10
PUR M.I.	07	MAT9296061	(4G2.5+2x(2x1.5)C)C	16.0 7.5
<b>326592 (10m)</b>				
PVC O.I.	04	MAT9750242	(4G4.0+2x(2x1.5)C)C	17.0 10
PVC M.I.	05	MAT9295062	(4G4.0+2x(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9850242	(4G4.0+2x(2x1.5)C)C	17.0 10
PUR M.I.	07	MAT9296062	(4G2.5+2x(2x1.5)C)C	16.0 7.5
<b>326593 (15m)</b>				
PVC O.I.	04	MAT9750243	(4G4.0+2x(2x1.5)C)C	17.0 10
PVC M.I.	05	MAT9295063	(4G4.0+2x(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9850243	(4G4.0+2x(2x1.5)C)C	17.0 10
PUR M.I.	07	MAT9296063	(4G2.5+2x(2x1.5)C)C	16.0 7.5
<b>326594 (20m)</b>				
PVC O.I.	04	MAT9750244	(4G4.0+2x(2x1.5)C)C	17.0 10
PVC M.I.	05	MAT9295064	(4G4.0+2x(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9850244	(4G4.0+2x(2x1.5)C)C	17.0 10
PUR M.I.	07	MAT9296064	(4G2.5+2x(2x1.5)C)C	16.0 7.5
<b>326596 (25m)</b>				
PVC O.I.	04	MAT9750245	(4G4.0+2x(2x1.5)C)C	17.0 10
PVC M.I.	05	MAT9295065	(4G4.0+2x(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9850245	(4G4.0+2x(2x1.5)C)C	17.0 10
PUR M.I.	07	MAT9296065	(4G2.5+2x(2x1.5)C)C	16.0 7.5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
 \* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

# Harnessed drive cables | Baumüller

## PVC/PUR

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
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### Baumüller Servo cables

#### 28 A Basic cable



#### 326597 (30m)

PVC O.I.	04	MAT9750246	(4G4.0+2x(2x1.5)C)C	17.0	10
PVC M.I.	05	MAT9295066	(4G4.0+2x(2x1.5)C)C	18.0	7.5
PUR O.I.	06	MAT9850246	(4G4.0+2x(2x1.5)C)C	17.0	10
PUR M.I.	07	MAT9296066	(4G2.5+2x(2x1.5)C)C	16.0	7.5

#### 326598 (35m)

PVC O.I.	04	MAT9750247	(4G4.0+2x(2x1.5)C)C	17.0	10
PVC M.I.	05	MAT9295067	(4G4.0+2x(2x1.5)C)C	18.0	7.5
PUR O.I.	06	MAT9850247	(4G4.0+2x(2x1.5)C)C	17.0	10
PUR M.I.	07	MAT9296067	(4G2.5+2x(2x1.5)C)C	16.0	7.5

#### 326599 (40m)

PVC O.I.	04	MAT9750248	(4G4.0+2x(2x1.5)C)C	17.0	10
PVC M.I.	05	MAT9295068	(4G4.0+2x(2x1.5)C)C	18.0	7.5
PUR O.I.	06	MAT9850248	(4G4.0+2x(2x1.5)C)C	17.0	10
PUR M.I.	07	MAT9296068	(4G2.5+2x(2x1.5)C)C	16.0	7.5

#### 28 A Extension cable



#### 326589 (5m) (ext.)

PVC O.I.	04	MAT9750249	(4G4.0+2x(2x1.5)C)C	17.0	10
PVC M.I.	05	MAT9297060	(4G4.0+2x(2x1.5)C)C	18.0	7.5
PUR O.I.	06	MAT9850249	(4G4.0+2x(2x1.5)C)C	17.0	10
PUR M.I.	07	MAT9298060	(4G2.5+2x(2x1.5)C)C	16.0	7.5

#### 36 A Basic cable



#### 326600 (5m)

PVC O.I.	04	MAT9750250	(4G6.0+2x(2x1.5)C)C	19.0	10
PVC M.I.	05	MAT9295070	(4G6.0+2x(2x1.5)C)C	21.0	7.5
PUR O.I.	06	MAT9850250	(4G6.0+2x(2x1.5)C)C	19.0	10
PUR M.I.	07	MAT9296070	(4G6.0+2x(2x1.5)C)C	19.5	7.5

#### 326601 (7m)

PVC O.I.	04	MAT9750251	(4G6.0+2x(2x1.5)C)C	19.0	10
PVC M.I.	05	MAT9295071	(4G6.0+2x(2x1.5)C)C	21.0	7.5
PUR O.I.	06	MAT9850251	(4G6.0+2x(2x1.5)C)C	19.0	10
PUR M.I.	07	MAT9296071	(4G6.0+2x(2x1.5)C)C	19.5	7.5

#### 326602 (10m)

PVC O.I.	04	MAT9750252	(4G6.0+2x(2x1.5)C)C	19.0	10
PVC M.I.	05	MAT9295072	(4G6.0+2x(2x1.5)C)C	21.0	7.5
PUR O.I.	06	MAT9850252	(4G6.0+2x(2x1.5)C)C	19.0	10
PUR M.I.	07	MAT9296072	(4G6.0+2x(2x1.5)C)C	19.5	7.5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.  
igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

# Harnessed drive cables | Baumüller

## PVC/PUR

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
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### Baumüller Servo cables

#### 326603 (15m)

PVC O.I.	04	MAT9750253	(4G6.0+2x(2x1.5)C)C	19.0	10
PVC M.I.	05	MAT9295073	(4G6.0+2x(2x1.5)C)C	21.0	7.5
PUR O.I.	06	MAT9850253	(4G6.0+2x(2x1.5)C)C	19.0	10
PUR M.I.	07	MAT9296073	(4G6.0+2x(2x1.5)C)C	19.5	7.5

#### 326604 (20m)

PVC O.I.	04	MAT9750254	(4G6.0+2x(2x1.5)C)C	19.0	10
PVC M.I.	05	MAT9295074	(4G6.0+2x(2x1.5)C)C	21.0	7.5
PUR O.I.	06	MAT9850254	(4G6.0+2x(2x1.5)C)C	19.0	10
PUR M.I.	07	MAT9296074	(4G6.0+2x(2x1.5)C)C	19.5	7.5

#### 326605 (25m)

PVC O.I.	04	MAT9750255	(4G6.0+2x(2x1.5)C)C	19.0	10
PVC M.I.	05	MAT9295075	(4G6.0+2x(2x1.5)C)C	21.0	7.5
PUR O.I.	06	MAT9850255	(4G6.0+2x(2x1.5)C)C	19.0	10
PUR M.I.	07	MAT9296075	(4G6.0+2x(2x1.5)C)C	19.5	7.5

#### 326606 (30m)

PVC O.I.	04	MAT9750256	(4G6.0+2x(2x1.5)C)C	19.0	10
PVC M.I.	05	MAT9295076	(4G6.0+2x(2x1.5)C)C	21.0	7.5
PUR O.I.	06	MAT9850256	(4G6.0+2x(2x1.5)C)C	19.0	10
PUR M.I.	07	MAT9296076	(4G6.0+2x(2x1.5)C)C	19.5	7.5

#### 326607 (35m)

PVC O.I.	04	MAT9750257	(4G6.0+2x(2x1.5)C)C	19.0	10
PVC M.I.	05	MAT9295077	(4G6.0+2x(2x1.5)C)C	21.0	7.5
PUR O.I.	06	MAT9850257	(4G6.0+2x(2x1.5)C)C	19.0	10
PUR M.I.	07	MAT9296077	(4G6.0+2x(2x1.5)C)C	19.5	7.5

#### 326608 (40m)

PVC O.I.	04	MAT9750258	(4G6.0+2x(2x1.5)C)C	19.0	10
PVC M.I.	05	MAT9295078	(4G6.0+2x(2x1.5)C)C	21.0	7.5
PUR O.I.	06	MAT9850258	(4G6.0+2x(2x1.5)C)C	19.0	10
PUR M.I.	07	MAT9296078	(4G6.0+2x(2x1.5)C)C	19.5	7.5

#### 36 A Extension cable



#### 326600 (5m) (ext.)


PVC O.I.	04	MAT9750259	(4G6.0+2x(2x1.5)C)C	19.0	10
PVC M.I.	05	MAT9297070	(4G6.0+2x(2x1.5)C)C	21.0	7.5
PUR O.I.	06	MAT9850259	(4G6.0+2x(2x1.5)C)C	19.0	10
PUR M.I.	07	MAT9298070	(4G6.0+2x(2x1.5)C)C	19.5	7.5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.  
igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

# Harnessed drive cables | Baumüller

## PVC/PUR

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571



Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Baumüller Servo cables</b>				
<b>50 A Basic cable</b>				
				
<b>326609 (5m)</b>				
PVC M.I.	05	MAT9295080	(4G10+2x(2x1.5)C)C	23.0 7.5
PUR O.I.	06	MAT9850260	(4G10+2x(2x1.5)C)C	22.5 10
PUR M.I.	07	MAT9296080	(4G10+2x(2x1.5)C)C	22.5 7.5
<b>326610 (7m)</b>				
PVC M.I.	05	MAT9295081	(4G10+2x(2x1.5)C)C	23.0 7.5
PUR O.I.	06	MAT9850261	(4G10+2x(2x1.5)C)C	22.5 10
PUR M.I.	07	MAT9296081	(4G10+2x(2x1.5)C)C	22.5 7.5
<b>326611 (10m)</b>				
PVC M.I.	05	MAT9295082	(4G10+2x(2x1.5)C)C	23.0 7.5
PUR O.I.	06	MAT9850262	(4G10+2x(2x1.5)C)C	22.5 10
PUR M.I.	07	MAT9296082	(4G10+2x(2x1.5)C)C	22.5 7.5
<b>326612 (15m)</b>				
PVC M.I.	05	MAT9295083	(4G10+2x(2x1.5)C)C	23.0 7.5
PUR O.I.	06	MAT9850263	(4G10+2x(2x1.5)C)C	22.5 10
PUR M.I.	07	MAT9296083	(4G10+2x(2x1.5)C)C	22.5 7.5
<b>326613 (20m)</b>				
PVC M.I.	05	MAT9295084	(4G10+2x(2x1.5)C)C	23.0 7.5
PUR O.I.	06	MAT9850264	(4G10+2x(2x1.5)C)C	22.5 10
PUR M.I.	07	MAT9296084	(4G10+2x(2x1.5)C)C	22.5 7.5
<b>326614 (25m)</b>				
PVC M.I.	05	MAT9295085	(4G10+2x(2x1.5)C)C	23.0 7.5
PUR O.I.	06	MAT9850265	(4G10+2x(2x1.5)C)C	22.5 10
PUR M.I.	07	MAT9296085	(4G10+2x(2x1.5)C)C	22.5 7.5
<b>326615 (30m)</b>				
PVC M.I.	05	MAT9295086	(4G10+2x(2x1.5)C)C	23.0 7.5
PUR O.I.	06	MAT9850266	(4G10+2x(2x1.5)C)C	22.5 10
PUR M.I.	07	MAT9296086	(4G10+2x(2x1.5)C)C	22.5 7.5
<b>326616 (35m)</b>				
PVC M.I.	05	MAT9295087	(4G10+2x(2x1.5)C)C	23.0 7.5
PUR O.I.	06	MAT9850267	(4G10+2x(2x1.5)C)C	22.5 10
PUR M.I.	07	MAT9296087	(4G10+2x(2x1.5)C)C	22.5 7.5
<b>326617 (40m)</b>				
PVC M.I.	05	MAT9295088	(4G10+2x(2x1.5)C)C	23.0 7.5
PUR O.I.	06	MAT9850268	(4G10+2x(2x1.5)C)C	22.5 10
PUR M.I.	07	MAT9296088	(4G10+2x(2x1.5)C)C	22.5 7.5

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
 \* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

# Harnessed drive cables | Baumüller

## PVC/PUR/TPE

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571


Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Baumüller Servo cables</b>				
<b>50 A Extension cable</b>				
				
<b>326609 (5m) (ext.)</b>				
PVC M.I.	05	MAT9297080	(4G10+2x(2x1.5)C)C	23.0 7.5
PUR O.I.	06	MAT9850269	(4G10+2x(2x1.5)C)C	22.5 10
PUR M.I.	07	MAT9298080	(4G10+2x(2x1.5)C)C	22.5 7.5
<b>Baumüller Resolver cables</b>				
<b>SRS/SRM50 &amp; SKS/SKM36 Basic cable</b>				
				
<b>239540 (5m)</b>				
PVC	08	MAT9290003	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940203	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840203	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291003	(5x(2x0.14)+2x0.5)C	8.5 6.8
<b>239541 (8m)</b>				
PVC	08	MAT9290005	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940205	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840205	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291005	(5x(2x0.14)+2x0.5)C	8.5 6.8
<b>239542 (10m)</b>				
PVC	08	MAT9290006	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940206	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840206	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291006	(5x(2x0.14)+2x0.5)C	8.5 6.8
<b>239543 (15m)</b>				
PVC	08	MAT9290007	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940207	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840207	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291007	(5x(2x0.14)+2x0.5)C	8.5 6.8
<b>239544 (20m)</b>				
PUR O.I.	09	MAT9940208	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840208	(5x(2x0.14)+2x0.5)C	9.0 7.5
<b>239544 (20m)</b>				
PVC	08	MAT9290008	(5x(2x0.14)+2x0.5)C	8.0 10
TPE H*	11	MAT9291008	(5x(2x0.14)+2x0.5)C	8.5 6.8
<b>239545 (25m)</b>				
PVC	08	MAT9290009	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940209	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840209	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291009	(5x(2x0.14)+2x0.5)C	8.5 6.8

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 \* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

# Harnessed drive cables | Baumüller

## PVC/PUR/TPE

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571


Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Baumüller Resolver cables</b>				
<b>SRS/SRM50 &amp; SKS/SKM36 Basic cable</b> 				
<b>239546 (30m)</b>				
PVC	08	MAT9290010	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940210	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840210	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291010	(5x(2x0.14)+2x0.5)C	8.5 6.8
<b>239547 (35m)</b>				
PVC	08	MAT9290011	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940211	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840211	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291011	(5x(2x0.14)+2x0.5)C	8.5 6.8
<b>240520 (40m)</b>				
PVC	08	MAT9290012	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940212	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840212	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291012	(5x(2x0.14)+2x0.5)C	8.5 6.8
<b>240521 (45m)</b>				
PVC	08	MAT9290013	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940213	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840213	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291013	(5x(2x0.14)+2x0.5)C	8.5 6.8
<b>240522 (50m)</b>				
PVC	08	MAT9290014	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940214	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840214	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291014	(5x(2x0.14)+2x0.5)C	8.5 6.8
<b>242954 (6m)</b>				
PVC	08	MAT9290004	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940204	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840204	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291004	(5x(2x0.14)+2x0.5)C	8.5 6.8
<b>243379 (4m)</b>				
PVC	08	MAT9290002	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940202	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840202	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291002	(5x(2x0.14)+2x0.5)C	8.5 6.8
<b>244033 (55m)</b>				
PVC	08	MAT9290015	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940215	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840215	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291015	(5x(2x0.14)+2x0.5)C	8.5 6.8

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core \* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

# Harnessed drive cables | Baumüller

## PVC/PUR/TPE

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Baumüller Resolver cables</b>				
<b>245484 (60m)</b>				
PVC	08	MAT9290016	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940216	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840216	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291016	(5x(2x0.14)+2x0.5)C	8.5 6.8
<b>246658 (3m)</b>				
PVC	08	MAT9290001	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940201	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840201	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291001	(5x(2x0.14)+2x0.5)C	8.5 6.8
<b>SRS/SRM50 &amp; SKS/SKM36 Extension cable</b> 				
<b>246658 (3m) (ext.)</b>				
PVC	08	MAT9292001	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940217	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840217	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9293001	(5x(2x0.14)+2x0.5)C	8.5 6.8
<b>Baumüller Pulse encoder cables</b>				
<b>Pulse encoder Basic cable</b> 				
<b>198962 (3m)</b>				
PVC	08	MAT9290020	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940218	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840218	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291020	(5x(2x0.14)+2x0.5)C	8.5 6.8
<b>198963 (5m)</b>				
PVC	08	MAT9290021	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940219	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840219	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291021	(5x(2x0.14)+2x0.5)C	8.5 6.8
<b>198964 (8m)</b>				
PVC	08	MAT9290022	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940220	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840220	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291022	(5x(2x0.14)+2x0.5)C	8.5 6.8
<b>198965 (10m)</b>				
PVC	08	MAT9290023	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940221	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840221	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291023	(5x(2x0.14)+2x0.5)C	8.5 6.8

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core \* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

# Harnessed drive cables | Baumüller

## PVC/PUR/TPE

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Baumüller Pulse encoder cables</b>				
<b>Pulse encoder Basic cable</b>				
<b>198966 (15m)</b>				
PVC	08	MAT9290024	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940222	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840222	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291024	(5x(2x0.14)+2x0.5)C	8.5 6.8
<b>198967 (20m)</b>				
PVC	08	MAT9290025	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940223	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840223	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291025	(5x(2x0.14)+2x0.5)C	8.5 6.8
<b>198968 (25m)</b>				
PVC	08	MAT9290026	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940224	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840224	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291026	(5x(2x0.14)+2x0.5)C	8.5 6.8
<b>198969 (30m)</b>				
PVC	08	MAT9290027	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940225	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840225	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291027	(5x(2x0.14)+2x0.5)C	8.5 6.8
<b>208829 (40m)</b>				
PVC	08	MAT9290029	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940227	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840227	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291029	(5x(2x0.14)+2x0.5)C	8.5 6.8
<b>225360 (35m)</b>				
PVC	08	MAT9290028	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940226	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840226	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291028	(5x(2x0.14)+2x0.5)C	8.5 6.8



### Pulse encoder Extension cable



<b>198962 (3m) (ext.)</b>				
PUR O.I.	09	MAT9940228	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840228	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9293020	(5x(2x0.14)+2x0.5)C	8.5 6.8
<b>198962 (3m) (ext.)</b>				
PVC	08	MAT9292020	(5x(2x0.14)+2x0.5)C	8.0 10

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
 \* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

# Harnessed drive cables | Baumüller

## PVC/PUR/TPE

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Baumüller Pulse encoder cables</b>				
<b>ECN1313/EQN1325 Basic cable</b>				
<b>369864 (3m)</b>				
PVC	08	MAT9290031	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940230	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840230	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291031	(5x(2x0.14)+2x0.5)C	8.5 6.8
<b>371494 (20m)</b>				
PVC	08	MAT9290038	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940237	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840237	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291038	(5x(2x0.14)+2x0.5)C	8.5 6.8
<b>378022 (50m)</b>				
PVC	08	MAT9290044	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940243	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840243	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291044	(5x(2x0.14)+2x0.5)C	8.5 6.8
<b>380358 (35m)</b>				
PVC	08	MAT9290041	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940240	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840240	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291041	(5x(2x0.14)+2x0.5)C	8.5 6.8
<b>382005 (45m)</b>				
PVC	08	MAT9290043	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940242	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840242	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291043	(5x(2x0.14)+2x0.5)C	8.5 6.8
<b>389807 (7m)</b>				
PVC	08	MAT9290033	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940232	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840232	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291033	(5x(2x0.14)+2x0.5)C	8.5 6.8
<b>389808 (9m)</b>				
PVC	08	MAT9290035	(5x(2x0.14)+2x0.5)C	8.0 10
TPE H*	11	MAT9291035	(5x(2x0.14)+2x0.5)C	8.5 6.8
<b>389808 (9m)</b>				
PUR O.I.	09	MAT9940234	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840234	(5x(2x0.14)+2x0.5)C	9.0 6.8
<b>391216 (40m)</b>				
PVC	08	MAT9290042	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940241	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840241	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291042	(5x(2x0.14)+2x0.5)C	8.5 6.8



**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
 \* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

# Harnessed drive cables | Baumüller

## PVC/PUR/TPE

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Baumüller Pulse encoder cables</b>				
<b>ECN1313/EQN1325 Basic cable</b>				
				
<b>393889 (2m)</b>				
PVC	<b>08</b>	MAT9290030	(5x(2x0.14)+2x0.5)C	8.0 10
TPE H*	<b>11</b>	MAT9291030	(5x(2x0.14)+2x0.5)C	8.5 6.8
<b>393889 (2m)</b>				
PUR O.I.	<b>09</b>	MAT9940229	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	<b>10</b>	MAT9840229	(5x(2x0.14)+2x0.5)C	9.0 7.5
<b>393890 (8m)</b>				
PVC	<b>08</b>	MAT9290034	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	<b>09</b>	MAT9940233	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	<b>10</b>	MAT9840233	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	<b>11</b>	MAT9291034	(5x(2x0.14)+2x0.5)C	8.5 6.8
<b>393891 (10m)</b>				
PVC	<b>08</b>	MAT9290036	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	<b>09</b>	MAT9940235	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	<b>10</b>	MAT9840235	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	<b>11</b>	MAT9291036	(5x(2x0.14)+2x0.5)C	8.5 6.8
<b>393892 (15m)</b>				
PVC	<b>08</b>	MAT9290037	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	<b>09</b>	MAT9940236	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	<b>10</b>	MAT9840236	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	<b>11</b>	MAT9291037	(5x(2x0.14)+2x0.5)C	8.5 6.8
<b>393893 (25m)</b>				
PVC	<b>08</b>	MAT9290039	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	<b>09</b>	MAT9940238	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	<b>10</b>	MAT9840238	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	<b>11</b>	MAT9291039	(5x(2x0.14)+2x0.5)C	8.5 6.8
<b>393894 (30m)</b>				
PVC	<b>08</b>	MAT9290040	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	<b>09</b>	MAT9940239	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	<b>10</b>	MAT9840239	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	<b>11</b>	MAT9291040	(5x(2x0.14)+2x0.5)C	8.5 6.8
<b>394014 (5m)</b>				
PVC	<b>08</b>	MAT9290032	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	<b>09</b>	MAT9940231	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	<b>10</b>	MAT9840231	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	<b>11</b>	MAT9291032	(5x(2x0.14)+2x0.5)C	8.5 6.8


**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
 \* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915



# Harnessed drive cables | Baumüller

## PVC/PUR/TPE

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Baumüller Pulse encoder cables</b>				
<b>ECN1313/EQN1325 Extension cable</b>				
				
<b>393889 (2m) (ext.)</b>				
PVC	<b>08</b>	MAT9292030	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	<b>10</b>	MAT9840244	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	<b>11</b>	MAT9293030	(5x(2x0.14)+2x0.5)C	8.5 6.8
<b>393889 (2m) (ext.)</b>				
PUR O.I.	<b>09</b>	MAT9940244	(5x(2x0.14)+2x0.5)C	8.0 10

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
 \* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915



# Harnessed drive cables | Beckhoff

## PVC/PUR

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
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### Beckhoff Motor cables

#### Basic cable



#### ZK4500-8015-xxx

PUR O.I.	06	MAT9850314	(4G4.0+(2x1.0)C+(2xAWG22)C)C	16.0	10
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#### ZK4500-8024-xxx

PVC O.I.	04	MAT9750312	(4G2.5+(2x1.0)C+(2xAWG22)C)C	15.0	10
PUR O.I.	06	MAT9850312	(4G2.5+(2x1.0)C+(2xAWG22)C)C	15.0	10

#### Basic cable



#### ZK4501-8024-xxx

PVC O.I.	04	MAT9750313	(4G2.5+(2x1.0)C+(2xAWG22)C)C	15.0	10
PUR O.I.	06	MAT9850313	(4G2.5+(2x1.0)C+(2xAWG22)C)C	15.0	10

#### Basic cable



#### ZK4530-8110-xxxx

PVC	14	MAT9381006	(4x(2x0.25))C	7.5	7.5
PUR	15	MAT9382006	(4x(2x0.25))C	7.5	7.5

#### Extension cable



#### ZK4704-0411-xxxx

PVC M.I.	05	MAT9371008	(4G0.75+(2x0.5)C)C	11.0	7.5
PUR M.I.	07	MAT9750316	(4G0.75+(2x0.5)C)C	11.5	7.5

### Beckhoff Servo cables

#### Basic cable



#### ZK4000-2111-xxxx

PVC O.I.	04	MAT9750305	(4G1.5+(2x1.5)C)	12.5	10
PVC M.I.	05	MAT9371005	(4G1.5+(2x1.5)C)	13.0	7.5
PUR O.I.	06	MAT9850305	(4G1.5+(2x1.5)C)	12.5	10
PUR M.I.	07	MAT9372005	(4G1.5+(2x1.5)C)	13.0	7.5

#### Basic cable



#### ZK4000-2112-xxxx

PVC O.I.	04	MAT9750306	(4G2.5+(2x1.5)C)C	14.0	10
PVC M.I.	05	MAT9371006	(4G2.5+(2x1.5)C)C	14.5	7.5
PUR O.I.	06	MAT9850306	(4G2.5+(2x1.5)C)C	14.0	10
PUR M.I.	07	MAT9372006	(4G2.5+(2x1.5)C)C	14.5	7.5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.

igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

# Harnessed drive cables | Beckhoff

## PVC/PUR

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
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### Beckhoff Servo cables

#### Basic cable



#### ZK4000-2711-xxxx

PVC O.I.	04	MAT9750307	(4G1.5+(2x1.5)C)	12.5	10
PVC M.I.	05	MAT9371007	(4G1.5+(2x1.5)C)	13.0	7.5
PUR O.I.	06	MAT9850307	(4G1.5+(2x1.5)C)	12.5	10
PUR M.I.	07	MAT9372007	(4G1.5+(2x1.5)C)	13.0	7.5

#### Basic cable



#### ZK4500-0023-xxxx

PVC O.I.	04	MAT9750301	(4G1.5+2x(2x0.75)C)C	13.5	10
PVC M.I.	05	MAT9371001	(4G1.5+2x(2x0.75)C)C	14.5	7.5
PUR O.I.	06	MAT9850301	(4G1.5+2x(2x0.75)C)C	13.5	10
PUR M.I.	07	MAT9372001	(4G1.5+2x(2x0.75)C)C	14.5	7.5

#### Basic cable



#### ZK4500-0024-xxxx

PVC O.I.	04	MAT9750302	(4G2.5+2x(2x1.5)C)C	16.0	10
PVC M.I.	05	MAT9371002	(4G2.5+2x(2x1.5)C)C	17.0	7.5
PUR O.I.	06	MAT9850302	(4G2.5+2x(2x1.5)C)C	16.0	10
PUR M.I.	07	MAT9372002	(4G2.5+2x(2x1.5)C)C	16.0	7.5

#### Extension cable



#### ZK4501-0023-xxxx

PVC O.I.	04	MAT9750303	(4G1.5+2x(2x0.75)C)C	13.5	10
PVC M.I.	05	MAT9371003	(4G1.5+2x(2x0.75)C)C	14.5	7.5
PUR O.I.	06	MAT9850303	(4G1.5+2x(2x0.75)C)C	13.5	10
PUR M.I.	07	MAT9372003	(4G1.5+2x(2x0.75)C)C	14.5	7.5

#### Extension cable



#### ZK4501-0024-xxxx

PVC O.I.	04	MAT9750304	(4G2.5+2x(2x1.5)C)C	16.0	10
PVC M.I.	05	MAT9371004	(4G2.5+2x(2x1.5)C)C	17.0	7.5
PUR O.I.	06	MAT9850304	(4G2.5+2x(2x1.5)C)C	16.0	10
PUR M.I.	07	MAT9372004	(4G2.5+2x(2x1.5)C)C	16.0	7.5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.

igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915



# Harnessed drive cables | Beckhoff

## PVC/PUR

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Beckhoff Hybrid servo cables</b>				
<b>Basic cable</b>				
<b>ZK4500-8022-xxxx</b>				
PVC O.I.	26	MAT9750308	(4G1.0+(2x0.75)C+(2xAWG22)C)C	12.0 10
PUR O.I.	27	MAT9850308	(4G1.0+(2x0.75)C+(2xAWG22)C)C	12.0 10
<b>Basic cable</b>				
<b>ZK4500-8023-xxxx</b>				
PVC O.I.	26	MAT9750309	(4G1.5+(2x0.75)C+(2xAWG22)C)C	13.0 10
PUR O.I.	27	MAT9850309	(4G1.5+(2x0.75)C+(2xAWG22)C)C	13.0 10
<b>Basic cable</b>				
<b>ZK4704-0421-xxxx</b>				
PVC O.I.	26	MAT9750315	(4G0.75+(2x0.34)C+(2xAWG22)C)C	12.0 10
PUR O.I.	27	MAT9850315	(4G0.75+(2x0.34)C+(2xAWG22)C)C	12.0 10
<b>Extension cable</b>				
<b>ZK4501-8022-xxxx</b>				
PVC O.I.	26	MAT9750310	(4G1.0+(2x0.75)C+(2xAWG22)C)C	12.0 10
PUR O.I.	27	MAT9850310	(4G1.0+(2x0.75)C+(2xAWG22)C)C	12.0 10
<b>Extension cable</b>				
<b>ZK4501-8023-xxxx</b>				
PVC O.I.	26	MAT9750311	(4G1.5+(2x0.75)C+(2xAWG22)C)C	13.0 10
PUR O.I.	27	MAT9850311	(4G1.5+(2x0.75)C+(2xAWG22)C)C	13.0 10
<b>Beckhoff Encoder cables</b>				
<b>Basic cable</b>				
<b>ZK4000-2410-xxxx</b>				
PVC	14	MAT9381005	(8x(2x0.25))C	10.5 7.5
PUR	15	MAT9382005	(8x(2x0.25))C	10.5 7.5
<b>Basic cable</b>				
<b>ZK4000-2610-xxxx</b>				
PVC	14	MAT9381004	(8x(2x0.25))C	10.5 7.5
PUR	15	MAT9382004	(8x(2x0.25))C	10.5 7.5

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

# Harnessed drive cables | Beckhoff

## PVC/PUR/TPE

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Beckhoff Encoder cables</b>				
<b>Basic cable</b>				
<b>ZK4510-0020-xxxx</b>				
PVC	14	MAT9381001	(8x(2x0.25))C	10.5 7.5
PUR	15	MAT9382001	(8x(2x0.25))C	10.5 7.5
<b>Basic cable</b>				
<b>ZK4520-0020-xxxx</b>				
PVC	14	MAT9381002	(6x(2x0.25))C	9.0 7.5
PUR	15	MAT9382002	(6x(2x0.25))C	9.0 7.5
<b>Extension cable</b>				
<b>ZK4511-0020-xxxx</b>				
PVC	14	MAT9381003	(8x(2x0.25))C	10.5 7.5
PUR	15	MAT9382003	(8x(2x0.25))C	10.5 7.5
<b>Beckhoff Thermal protection cables</b>				
<b>Basic cable</b>				
<b>ZK4000-2510-xxxx</b>				
PVC	14	MAT9386001	(2x0.25)C	5.0 7.5
TPE H*	11	MAT9387001	(4x0.34)C	6.0 6.8
<b>Beckhoff Resolver cables</b>				
<b>Basic cable</b>				
<b>ZK4000-2210-xxxx</b>				
PVC	14	MAT9383003	(4x(2x0.25))C	7.5 7.5
PUR	15	MAT9384003	(4x(2x0.25))C	7.5 7.5
TPE H*	16	MAT9920303	(4x(2x0.25))C	8.5 6.8
<b>Basic cable</b>				
<b>ZK4530-0010-xxxx</b>				
PVC	14	MAT9383001	(4x(2x0.25))C	7.5 7.5
PUR	15	MAT9384001	(4x(2x0.25))C	7.5 7.5
TPE H*	16	MAT9920301	(4x(2x0.25))C	8.5 6.8

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

# Harnessed drive cables | Beckhoff

## PVC/PUR/TPE

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
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### Beckhoff Resolver cables

#### Basic cable



#### ZK4530-8010-xxxx

PVC	14	MAT9383005	(4x(2x0.25))C	7.5	7.5
PUR	15	MAT9384005	(4x(2x0.25))C	7.5	7.5
TPE H*	16	MAT9920306	(4x(2x0.25))C	8.5	6.8

#### Extension cable



#### ZK4531-0020-xxxx

PVC	14	MAT9383002	(4x(2x0.25))C	7.5	7.5
PUR	15	MAT9384002	(4x(2x0.25))C	7.5	7.5
TPE H*	16	MAT9920302	(4x(2x0.25))C	8.5	6.8

#### Extension cable



#### ZK4724-0410-xxxx

PVC	14	MAT9383004	(3x(2x0.25))C	7.0	7.5
PUR	15	MAT9384004	(3x(2x0.25))C	7.0	7.5
TPE H*	16	MAT9920305	(3x(2x0.25))C	8.0	6.8

### Beckhoff Network cables EtherCAT

#### Basic cable



#### ZK1090-9191-xxxx

PUR	29	MAT9385003	(4x(2x0.15))C	7.5	12.5
TPE	12	MAT9385002	(4x(2x0.15))C	8.5	10

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.  
igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

# Harnessed drive cables | Berger Lahr

## PVC/PUR/TPE

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
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### Berger Lahr Servo cables

#### Basic cable



#### VW3M5101Rxxx

PVC O.I.	04	MAT94503001	(4G1.5+(2x1.5)C)	12.5	10
PVC M.I.	05	MAT94502001	(4G1.5+(2x1.5)C)	13.0	7.5
PUR O.I.	06	MAT94501001	(4G1.5+(2x1.5)C)	12.5	10
PUR M.I.	07	MAT94500001	(4G1.5+(2x1.5)C)	13.0	7.5

#### VW3M5102Rxxx

PVC O.I.	04	MAT94503002	(4G2.5+(2x1.5)C)C	14.0	10
PVC M.I.	05	MAT94502003	(4G2.5+(2x1.5)C)C	14.5	7.5
PUR O.I.	06	MAT94501003	(4G2.5+(2x1.5)C)C	14.0	10
PUR M.I.	07	MAT94500003	(4G2.5+(2x1.5)C)C	14.5	7.5

### Berger Lahr Resolver cables

#### Basic cable




#### VW3M8101Rxxx

PVC	08	MAT94603001	(4x(2x0.34)+4x0.5)C	9.5	10
PUR M.I.	10	MAT94601001	(4x(2x0.34)+4x0.5)C	10.0	7.5
TPE H*	11	MAT94600001	(4x(2x0.34)+4x0.5)C	10.0	6.8

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igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

\* Technical information on the cable quality (Code **01-31**): ▶ Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Bosch Rexroth Power cables</b>				
<b>Basic cable</b>				
				
<b>IKG0331</b>				
PVC M.I.	05	MAT9190014	(4G0.75+(2x0.5)C)C	11.0 7.5
PUR M.I.	07	MAT9090014	(4G0.75+(2x0.5)C)C	11.5 7.5
<b>IKG4008</b>				
PVC M.I.	05	MAT9190064	(4G1.0+2x(2x0.75)C)	13.5 7.5
PUR O.I.	06	MAT9851315	(4G1.0+2x(2x0.75)C)	13.0 10
PUR M.I.	07	MAT9090064	(4G1.0+2x(2x0.75)C)	13.5 7.5
<b>IKG4009</b>				
PVC M.I.	05	MAT9190001	(4G1.0+2x(2x0.75)C)	13.5 7.5
PUR O.I.	06	MAT9851316	(4G1.0+2x(2x0.75)C)	13.0 10
PUR M.I.	07	MAT9090001	(4G1.0+2x(2x0.75)C)	13.5 7.5
<b>IKG4017</b>				
PVC M.I.	05	MAT9190002	(4G1.0+2x(2x0.75)C)	13.5 7.5
PUR O.I.	06	MAT9851317	(4G1.0+2x(2x0.75)C)	13.0 10
PUR M.I.	07	MAT9090002	(4G1.0+2x(2x0.75)C)	13.5 7.5
<b>IKG4018</b>				
PVC M.I.	05	MAT9190003	(4G1.0+2x(2x0.75)C)	13.5 7.5
PUR O.I.	06	MAT9851318	(4G1.0+2x(2x0.75)C)	13.0 10
PUR M.I.	07	MAT9090003	(4G1.0+2x(2x0.75)C)	13.5 7.5
<b>IKG4020</b>				
PVC M.I.	05	MAT9190004	(4G1.0+2x(2x0.75)C)	13.5 7.5
PUR O.I.	06	MAT9851319	(4G1.0+2x(2x0.75)C)	13.0 10
PUR M.I.	07	MAT9090004	(4G1.0+2x(2x0.75)C)	13.5 7.5
<b>IKG4055</b>				
PVC O.I.	04	MAT9751309	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9190005	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9851320	(4G1.5+2x(2x0.75)C)C	13.5 10
PUR M.I.	07	MAT9090005	(4G1.5+2x(2x0.75)C)C	14.5 7.5
<b>IKG4060</b>				
PVC O.I.	04	MAT9751310	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9190006	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9851321	(4G1.5+2x(2x0.75)C)C	13.5 10
PUR M.I.	07	MAT9090006	(4G1.5+2x(2x0.75)C)C	14.5 7.5
<b>IKG4067</b>				
PVC O.I.	04	MAT9751311	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9190007	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9851322	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9090007	(4G2.5+2x(2x1.5)C)C	16.0 7.5


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 \* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 915

\* Technical information on the cable quality (Code **01-31**): ▶ Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Bosch Rexroth Power cables</b>				
<b>IKG4070</b>				
PVC O.I.	04	MAT9751312	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9190008	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9851323	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9090008	(4G2.5+2x(2x1.5)C)C	16.0 7.5
<b>IKG4072</b>				
PVC O.I.	04	MAT9751313	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9190068	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9851324	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9090068	(4G2.5+2x(2x1.5)C)C	16.0 7.5
<b>IKG4087</b>				
PVC O.I.	04	MAT9751314	(4G4.0+2x(2x1.5)C)C	17.0 10
PVC M.I.	05	MAT9190009	(4G4.0+2x(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9851325	(4G4.0+2x(2x1.5)C)C	17.0 10
PUR M.I.	07	MAT9090009	(4G4.0+2x(2x1.5)C)C	17.5 7.5
<b>IKG4090</b>				
PVC O.I.	04	MAT9751315	(4G4.0+2x(2x1.5)C)C	17.0 10
PVC M.I.	05	MAT9190010	(4G4.0+2x(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9851326	(4G4.0+2x(2x1.5)C)C	17.0 10
PUR M.I.	07	MAT9090010	(4G4.0+2x(2x1.5)C)C	17.5 7.5
<b>IKG4100</b>				
PVC M.I.	05	MAT9190020	(4G1.0+2x(2x0.75)C)	13.5 7.5
PUR O.I.	06	MAT9851327	(4G1.0+2x(2x0.75)C)	13.0 10
PUR M.I.	07	MAT9090020	(4G1.0+2x(2x0.75)C)	13.5 7.5
<b>IKG4103</b>				
PVC O.I.	04	MAT9751316	(4G6.0+2x(2x1.5)C)C	19.0 10
PVC M.I.	05	MAT9190076	(4G6.0+2x(2x1.5)C)C	21.0 7.5
PUR O.I.	06	MAT9851328	(4G6.0+2x(2x1.5)C)C	19.0 10
PUR M.I.	07	MAT9090076	(4G6.0+2x(2x1.5)C)C	19.5 7.5
<b>IKG4107</b>				
PVC O.I.	04	MAT9751317	(4G6.0+2x(2x1.5)C)C	19.0 10
PVC M.I.	05	MAT9190011	(4G6.0+2x(2x1.5)C)C	21.0 7.5
PUR O.I.	06	MAT9851329	(4G6.0+2x(2x1.5)C)C	19.0 10
PUR M.I.	07	MAT9090011	(4G6.0+2x(2x1.5)C)C	19.5 7.5
<b>IKG4118</b>				
PVC O.I.	04	MAT9751318	(4G6.0+2x(2x1.5)C)C	19.0 10
PVC M.I.	05	MAT9190070	(4G6.0+2x(2x1.5)C)C	21.0 7.5
PUR O.I.	06	MAT9851330	(4G6.0+2x(2x1.5)C)C	19.0 10
PUR M.I.	07	MAT9090070	(4G6.0+2x(2x1.5)C)C	19.5 7.5

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 \* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 915

\* Technical information on the cable quality (Code **01-31**): ▶ Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Bosch Rexroth Power cables</b>				
<b>Basic cable</b>				
				
<b>IKG4119</b>				
PVC M.I.	05	MAT9190027	(4G1.0+2x(2x0.75)C)	13.5 7.5
PUR O.I.	06	MAT9851331	(4G1.0+2x(2x0.75)C)	13.0 10
PUR M.I.	07	MAT9090027	(4G1.0+2x(2x0.75)C)	13.5 7.5
<b>IKG4119</b>				
PVC M.I.	05	MAT9190027	(4G1.0+2x(2x0.75)C)	13.5 7.5
PUR O.I.	06	MAT9851331	(4G1.0+2x(2x0.75)C)	13.0 10
PUR M.I.	07	MAT9090027	(4G1.0+2x(2x0.75)C)	13.5 7.5
<b>IKG4147</b>				
PVC O.I.	04	MAT9751319	(4G6.0+2x(2x1.5)C)C	19.0 10
PVC M.I.	05	MAT9190038	(4G6.0+2x(2x1.5)C)C	21.0 7.5
PUR O.I.	06	MAT9851332	(4G6.0+2x(2x1.5)C)C	19.0 10
PUR M.I.	07	MAT9090038	(4G6.0+2x(2x1.5)C)C	19.5 7.5
<b>IKG4150</b>				
PVC O.I.	04	MAT9751320	(4G6.0+2x(2x1.5)C)C	19.0 10
PVC M.I.	05	MAT9190012	(4G6.0+2x(2x1.5)C)C	21.0 7.5
PUR O.I.	06	MAT9851333	(4G6.0+2x(2x1.5)C)C	19.0 10
PUR M.I.	07	MAT9090012	(4G6.0+2x(2x1.5)C)C	19.5 7.5
<b>IKG4155</b>				
PVC O.I.	04	MAT9751321	(4G6.0+2x(2x1.5)C)C	19.0 10
PVC M.I.	05	MAT9190028	(4G6.0+2x(2x1.5)C)C	21.0 7.5
PUR O.I.	06	MAT9851334	(4G6.0+2x(2x1.5)C)C	19.0 10
PUR M.I.	07	MAT9090028	(4G6.0+2x(2x1.5)C)C	19.5 7.5
<b>IKG4164</b>				
PVC M.I.	05	MAT9190035	(4G10+2x(2x1.5)C)C	23.0 7.5
PUR O.I.	06	MAT9851335	(4G10+2x(2x1.5)C)C	22.5 10
PUR M.I.	07	MAT9090035	(4G10+2x(2x1.5)C)C	22.5 7.5
<b>IKG4167</b>				
PVC M.I.	05	MAT9190013	(4G10+2x(2x1.5)C)C	23.0 7.5
PUR O.I.	06	MAT9851336	(4G10+2x(2x1.5)C)C	22.5 10
PUR M.I.	07	MAT9090013	(4G10+2x(2x1.5)C)C	22.5 7.5
<b>IKG4172</b>				
PVC M.I.	05	MAT9190069	(4G16+2x(2x1.5)C)C	26.5 7.5
PUR O.I.	06	MAT9851337	(4G16+2x(2x1.5)C)C	26.0 10
PUR M.I.	07	MAT9090069	(4G16+2x(2x1.5)C)C	26.0 7.5
<b>IKG4173</b>				
PVC M.I.	05	MAT9190072	(4G25+2x(2x1.5)C)C	31.0 7.5
PUR O.I.	06	MAT9851338	(4G25+2x(2x1.5)C)C	28.5 10
PUR M.I.	07	MAT9090072	(4G25+2x(2x1.5)C)C	31.0 7.5


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 \* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 915

\* Technical information on the cable quality (Code **01-31**): ▶ Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Bosch Rexroth Power cables</b>				
<b>IKG4186</b>				
PVC M.I.	05	MAT9190021	(4G16+2x(2x1.5)C)C	26.5 7.5
PUR O.I.	06	MAT9851339	(4G16+2x(2x1.5)C)C	26.0 10
PUR M.I.	07	MAT9090021	(4G16+2x(2x1.5)C)C	26.0 7.5
<b>IKG4200</b>				
PVC M.I.	05	MAT9190032	(4G16+2x(2x1.5)C)C	26.5 7.5
PUR O.I.	06	MAT9851340	(4G16+2x(2x1.5)C)C	26.0 10
PUR M.I.	07	MAT9090032	(4G16+2x(2x1.5)C)C	26.0 7.5
<b>IKG4204</b>				
PVC M.I.	05	MAT9190052	(4G25+2x(2x1.5)C)C	31.0 7.5
PUR O.I.	06	MAT9851341	(4G25+2x(2x1.5)C)C	28.5 10
PUR M.I.	07	MAT9090052	(4G25+2x(2x1.5)C)C	31.0 7.5
<b>IKL0001</b>				
PVC M.I.	05	MAT9190022	(4G1.0+2x(2x0.75)C)	13.5 7.5
PUR O.I.	06	MAT9851301	(4G1.0+2x(2x0.75)C)	13.0 10
PUR M.I.	07	MAT9090022	(4G1.0+2x(2x0.75)C)	13.5 7.5
<b>IKL0002</b>				
PVC M.I.	05	MAT9751354	(4G1.0+2x(2x0.75)C)	13.5 7.5
PUR O.I.	06	MAT9851385	(4G1.0+2x(2x0.75)C)	13.0 10
PUR M.I.	07	MAT9851384	(4G1.0+2x(2x0.75)C)	13.5 7.5
<b>IKL0006</b>				
PVC M.I.	05	MAT9190067	(4G1.0+2x(2x0.75)C)	13.5 7.5
PUR O.I.	06	MAT9851302	(4G1.0+2x(2x0.75)C)	13.0 10
PUR M.I.	07	MAT9090067	(4G1.0+2x(2x0.75)C)	13.5 7.5
<b>IKL0011</b>				
PVC M.I.	05	MAT9190023	(4G1.0+2x(2x0.75)C)	13.5 7.5
PUR O.I.	06	MAT9851303	(4G1.0+2x(2x0.75)C)	13.0 10
PUR M.I.	07	MAT9090023	(4G1.0+2x(2x0.75)C)	13.5 7.5
<b>IKL0012</b>				
PVC M.I.	05	MAT9751355	(4G1.0+2x(2x0.75)C)	13.5 7.5
PUR O.I.	06	MAT9851387	(4G1.0+2x(2x0.75)C)	13.0 10
PUR M.I.	07	MAT9851386	(4G1.0+2x(2x0.75)C)	13.5 7.5
<b>IKL0021</b>				
PVC O.I.	04	MAT9751301	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9190024	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9851304	(4G1.5+2x(2x0.75)C)C	13.5 10
PUR M.I.	07	MAT9090024	(4G1.5+2x(2x0.75)C)C	14.5 7.5
<b>IKL0022</b>				
PVC O.I.	04	MAT9751357	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9751356	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9851389	(4G1.5+2x(2x0.75)C)C	13.5 10
PUR M.I.	07	MAT9851388	(4G1.5+2x(2x0.75)C)C	14.5 7.5


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 \* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 915

\* Technical information on the cable quality (Code **01-31**): ▶ Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Bosch Rexroth Power cables</b>				
<b>Basic cable</b>				
				
<b>IKL0041</b>				
PVC O.I.	04	MAT9751302	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9190017	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9851305	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9090017	(4G2.5+2x(2x1.5)C)C	16.0 7.5
<b>IKL0042</b>				
PVC O.I.	04	MAT9751303	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9190077	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9851306	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9090077	(4G2.5+2x(2x1.5)C)C	16.0 7.5
<b>IKL0061</b>				
PVC O.I.	04	MAT9751304	(4G4.0+2x(2x1.5)C)C	17.0 10
PVC M.I.	05	MAT9190018	(4G4.0+2x(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9851307	(4G4.0+2x(2x1.5)C)C	17.0 10
PUR M.I.	07	MAT9090018	(4G4.0+2x(2x1.5)C)C	17.5 7.5
<b>IKL0081</b>				
PVC O.I.	04	MAT9751305	(4G6.0+2x(2x1.5)C)C	19.0 10
PVC M.I.	05	MAT9190030	(4G6.0+2x(2x1.5)C)C	21.0 7.5
PUR O.I.	06	MAT9851308	(4G6.0+2x(2x1.5)C)C	19.0 10
PUR M.I.	07	MAT9090030	(4G6.0+2x(2x1.5)C)C	19.5 7.5
<b>IKL0101</b>				
PVC O.I.	04	MAT9751306	(4G6.0+2x(2x1.5)C)C	19.0 10
PVC M.I.	05	MAT9190025	(4G6.0+2x(2x1.5)C)C	21.0 7.5
PUR O.I.	06	MAT9851309	(4G6.0+2x(2x1.5)C)C	19.0 10
PUR M.I.	07	MAT9090025	(4G6.0+2x(2x1.5)C)C	19.5 7.5
<b>IKL0121</b>				
PVC M.I.	05	MAT9190019	(4G10+2x(2x1.5)C)C	23.0 7.5
PUR O.I.	06	MAT9851310	(4G10+2x(2x1.5)C)C	22.5 10
PUR M.I.	07	MAT9090019	(4G10+2x(2x1.5)C)C	22.5 7.5
<b>IKL0161</b>				
PVC M.I.	05	MAT9190063	(4G25+2x(2x1.5)C)C	31.0 7.5
PUR O.I.	06	MAT9851311	(4G25+2x(2x1.5)C)C	28.5 10
PUR M.I.	07	MAT9090063	(4G25+2x(2x1.5)C)C	31.0 7.5

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\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 915

\* Technical information on the cable quality (Code **01-31**): ▶ Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Bosch Rexroth Power cables</b>				
<b>Basic cable</b>				
				
<b>RKL0006</b>				
PVC M.I.	05	MAT9751359	(4G1.0+2x(2x0.75)C)	13.5 7.5
PUR O.I.	06	MAT9851393	(4G1.0+2x(2x0.75)C)	13.0 10
PUR M.I.	07	MAT9851392	(4G1.0+2x(2x0.75)C)	13.5 7.5
<b>RKL0013</b>				
PVC M.I.	05	MAT9751360	(4G0.75+(2x0.5)C)C	11.0 7.5
PUR M.I.	07	MAT9851394	(4G0.75+(2x0.5)C)C	11.5 7.5
<b>RKL0014</b>				
PVC M.I.	05	MAT9751361	(4G1.0+2x(2x0.75)C)	13.5 7.5
PUR O.I.	06	MAT9851396	(4G1.0+2x(2x0.75)C)	13.0 10
PUR M.I.	07	MAT9851395	(4G1.0+2x(2x0.75)C)	13.5 7.5
<b>RKL0019</b>				
PVC O.I.	04	MAT9751363	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9751362	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9851398	(4G1.0+2x(2x0.75)C)	13.0 10
PUR M.I.	07	MAT9851397	(4G1.5+2x(2x0.75)C)C	14.5 7.5
<b>RKL0053</b>				
PVC M.I.	05	MAT9751364	(4G1.0+2x(2x0.75)C)	13.5 7.5
PUR O.I.	06	MAT98513100	(4G1.0+2x(2x0.75)C)	13.0 10
PUR M.I.	07	MAT9851399	(4G1.0+2x(2x0.75)C)	13.5 7.5
<b>RKL0054</b>				
PVC O.I.	04	MAT9751366	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9751365	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT98513102	(4G1.5+2x(2x0.75)C)C	13.5 10
PUR M.I.	07	MAT98513101	(4G1.5+2x(2x0.75)C)C	14.5 7.5
<b>RKL4300</b>				
PVC O.I.	04	MAT9751326	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9190071	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9851349	(4G1.5+2x(2x0.75)C)C	13.5 10
PUR M.I.	07	MAT9090071	(4G1.5+2x(2x0.75)C)C	14.5 7.5
<b>RKL4301</b>				
PVC O.I.	04	MAT9751327	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9190037	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9851350	(4G1.5+2x(2x0.75)C)C	13.5 10
PUR M.I.	07	MAT9090037	(4G1.5+2x(2x0.75)C)C	14.5 7.5
<b>RKL4302</b>				
PVC M.I.	05	MAT9190026	(4G1.0+2x(2x0.75)C)	13.5 7.5
PUR O.I.	06	MAT9851351	(4G1.0+2x(2x0.75)C)	13.0 10
PUR M.I.	07	MAT9090026	(4G1.0+2x(2x0.75)C)	13.5 7.5

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\* Technical information on the cable quality (Code **01-31**): ▶ Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Bosch Rexroth Power cables</b>				
<b>Basic cable</b>				
				
<b>RKL4303</b>				
PVC M.I.	05	MAT9190029	(4G1.0+2x(2x0.75)C)	13.5 7.5
PUR O.I.	06	MAT9851352	(4G1.0+2x(2x0.75)C)	13.0 10
PUR M.I.	07	MAT9090029	(4G1.0+2x(2x0.75)C)	13.5 7.5
<b>RKL4306</b>				
PVC O.I.	04	MAT9751328	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9190040	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9851353	(4G1.5+2x(2x0.75)C)C	13.5 10
PUR M.I.	07	MAT9090040	(4G1.5+2x(2x0.75)C)C	14.5 7.5
<b>RKL4307</b>				
PVC O.I.	04	MAT9751329	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9190041	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9851354	(4G1.5+2x(2x0.75)C)C	13.5 10
PUR M.I.	07	MAT9090041	(4G1.5+2x(2x0.75)C)C	14.5 7.5
<b>RKL4308</b>				
PVC O.I.	04	MAT9751330	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9190033	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9851355	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9090033	(4G2.5+2x(2x1.5)C)C	16.0 7.5
<b>RKL4309</b>				
PVC O.I.	04	MAT9751331	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9190042	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9851356	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9090042	(4G2.5+2x(2x1.5)C)C	16.0 7.5
<b>RKL4310</b>				
PVC O.I.	04	MAT9751332	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9190043	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9851357	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9090043	(4G2.5+2x(2x1.5)C)C	16.0 7.5
<b>RKL4313</b>				
PVC O.I.	04	MAT9751333	(4G4.0+2x(2x1.5)C)C	17.0 10
PVC M.I.	05	MAT9190062	(4G4.0+2x(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9851358	(4G4.0+2x(2x1.5)C)C	17.0 10
PUR M.I.	07	MAT9090062	(4G4.0+2x(2x1.5)C)C	17.5 7.5
<b>RKL4314</b>				
PVC O.I.	04	MAT9751334	(4G4.0+2x(2x1.5)C)C	17.0 10
PVC M.I.	05	MAT9190060	(4G4.0+2x(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9851359	(4G4.0+2x(2x1.5)C)C	17.0 10
PUR M.I.	07	MAT9090060	(4G4.0+2x(2x1.5)C)C	17.5 7.5

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Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Bosch Rexroth Power cables</b>				
<b>RKL4315</b>				
PVC O.I.	04	MAT9751335	(4G4.0+2x(2x1.5)C)C	17.0 10
PVC M.I.	05	MAT9190059	(4G4.0+2x(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9851360	(4G4.0+2x(2x1.5)C)C	17.0 10
PUR M.I.	07	MAT9090059	(4G4.0+2x(2x1.5)C)C	17.5 7.5
<b>RKL4317</b>				
PVC O.I.	04	MAT9751336	(4G6.0+2x(2x1.5)C)C	19.0 10
PVC M.I.	05	MAT9190061	(4G6.0+2x(2x1.5)C)C	21.0 7.5
PUR O.I.	06	MAT9851361	(4G6.0+2x(2x1.5)C)C	19.0 10
PUR M.I.	07	MAT9090061	(4G6.0+2x(2x1.5)C)C	19.5 7.5
<b>RKL4318</b>				
PVC O.I.	04	MAT9751337	(4G6.0+2x(2x1.5)C)C	19.0 10
PVC M.I.	05	MAT9190047	(4G6.0+2x(2x1.5)C)C	21.0 7.5
PUR O.I.	06	MAT9851362	(4G6.0+2x(2x1.5)C)C	19.0 10
PUR M.I.	07	MAT9090047	(4G6.0+2x(2x1.5)C)C	19.5 7.5
<b>RKL4320</b>				
PVC O.I.	04	MAT9751338	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9190039	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9851363	(4G1.5+2x(2x0.75)C)C	13.5 10
PUR M.I.	07	MAT9090039	(4G1.5+2x(2x0.75)C)C	14.5 7.5
<b>RKL4321</b>				
PVC O.I.	04	MAT9751339	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9190075	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9851364	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9090075	(4G2.5+2x(2x1.5)C)C	16.0 7.5
<b>RKL4322</b>				
PVC O.I.	04	MAT9751340	(4G4.0+2x(2x1.5)C)C	17.0 10
PVC M.I.	05	MAT9190078	(4G4.0+2x(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9851365	(4G4.0+2x(2x1.5)C)C	17.0 10
PUR M.I.	07	MAT9090078	(4G4.0+2x(2x1.5)C)C	17.5 7.5
<b>RKL4323</b>				
PVC O.I.	04	MAT9751341	(4G6.0+2x(2x1.5)C)C	19.0 10
PVC M.I.	05	MAT9190073	(4G6.0+2x(2x1.5)C)C	21.0 7.5
PUR O.I.	06	MAT9851366	(4G6.0+2x(2x1.5)C)C	19.0 10
PUR M.I.	07	MAT9090073	(4G6.0+2x(2x1.5)C)C	19.5 7.5
<b>RKL4324</b>				
PVC M.I.	05	MAT9190079	(4G10+2x(2x1.5)C)C	23.0 7.5
PUR O.I.	06	MAT9851367	(4G10+2x(2x1.5)C)C	22.5 10
PUR M.I.	07	MAT9090079	(4G10+2x(2x1.5)C)C	22.5 7.5
<b>RKL4325</b>				
PVC O.I.	04	MAT9751342	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9190049	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9851368	(4G1.5+2x(2x0.75)C)C	13.5 10
PUR M.I.	07	MAT9090049	(4G1.5+2x(2x0.75)C)C	14.5 7.5


Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core \* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 915

\* Technical information on the cable quality (Code **01-31**): ▶ Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Bosch Rexroth Power cables</b>				
<b>Basic cable</b>				
				
<b>RKL4326</b>				
PVC O.I.	04	MAT9751343	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9190045	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9851369	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9090045	(4G2.5+2x(2x1.5)C)C	16.0 7.5
<b>RKL4327</b>				
PVC O.I.	04	MAT9751344	(4G4.0+2x(2x1.5)C)C	17.0 10
PVC M.I.	05	MAT9190050	(4G4.0+2x(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9851370	(4G4.0+2x(2x1.5)C)C	17.0 10
PUR M.I.	07	MAT9090050	(4G4.0+2x(2x1.5)C)C	17.5 7.5
<b>RKL4328</b>				
PVC O.I.	04	MAT9751345	(4G6.0+2x(2x1.5)C)C	19.0 10
PVC M.I.	05	MAT9190057	(4G6.0+2x(2x1.5)C)C	21.0 7.5
PUR O.I.	06	MAT9851371	(4G6.0+2x(2x1.5)C)C	19.0 10
PUR M.I.	07	MAT9090057	(4G6.0+2x(2x1.5)C)C	19.5 7.5
<b>RKL4329</b>				
PVC M.I.	05	MAT9190051	(4G10+2x(2x1.5)C)C	23.0 7.5
PUR O.I.	06	MAT9851372	(4G10+2x(2x1.5)C)C	22.5 10
PUR M.I.	07	MAT9090051	(4G10+2x(2x1.5)C)C	22.5 7.5
<b>RKL4330</b>				
PVC M.I.	05	MAT9190080	(4G16+2x(2x1.5)C)C	26.5 7.5
PUR O.I.	06	MAT9851373	(4G16+2x(2x1.5)C)C	26.0 10
PUR M.I.	07	MAT9090080	(4G16+2x(2x1.5)C)C	26.0 7.5
<b>RKL4331</b>				
PVC M.I.	05	MAT9190081	(4G25+2x(2x1.5)C)C	31.0 7.5
PUR O.I.	06	MAT9851374	(4G25+2x(2x1.5)C)C	28.5 10
PUR M.I.	07	MAT9090081	(4G25+2x(2x1.5)C)C	31.0 7.5
<b>RKL4332</b>				
PVC M.I.	05	MAT9751367	(4G35+2x(2x1.5)C)C	34.0 7.5
PUR O.I.	06	MAT98513104	(4G35+2x(2x1.5)C)C	35.0 10
<b>RKL4343</b>				
PVC O.I.	04	MAT9751369	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9751368	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT98513106	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT98513105	(4G2.5+2x(2x1.5)C)C	16.0 7.5
<b>RKL4344</b>				
PVC M.I.	05	MAT9751370	(4G16+2x(2x1.5)C)C	26.5 7.5
PUR O.I.	06	MAT98513108	(4G16+2x(2x1.5)C)C	26.0 10
PUR M.I.	07	MAT98513107	(4G16+2x(2x1.5)C)C	26.0 7.5

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
 \* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 915

\* Technical information on the cable quality (Code **01-31**): ▶ Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Bosch Rexroth Power cables</b>				
<b>Linking cable with adapter plug</b>				
				
<b>IKG0332</b>				
PVC M.I.	05	MAT9190015	(4G0.75+(2x0.5)C)C	11.0 7.5
PUR M.I.	07	MAT9090015	(4G0.75+(2x0.5)C)C	11.5 7.5
<b>IKG4006</b>				
PVC M.I.	05	MAT9191001	(4G1.0+2x(2x0.75)C)C	13.5 7.5
PUR O.I.	06	MAT9851342	(4G1.0+2x(2x0.75)C)C	13.0 10
PUR M.I.	07	MAT9091001	(4G1.0+2x(2x0.75)C)C	13.5 7.5
<b>IKG4016</b>				
PVC M.I.	05	MAT9191002	(4G1.0+2x(2x0.75)C)C	13.5 7.5
PUR O.I.	06	MAT9851343	(4G1.0+2x(2x0.75)C)C	13.0 10
PUR M.I.	07	MAT9091002	(4G1.0+2x(2x0.75)C)C	13.5 7.5
<b>IKG4061</b>				
PVC O.I.	04	MAT9751322	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9191004	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9851344	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9091004	(4G2.5+2x(2x1.5)C)C	16.0 7.5
<b>IKG4074</b>				
PVC O.I.	04	MAT9751323	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9191014	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9851345	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9091014	(4G2.5+2x(2x1.5)C)C	16.0 7.5
<b>IKG4081</b>				
PVC O.I.	04	MAT9751324	(4G4.0+2x(2x1.5)C)C	17.0 10
PVC M.I.	05	MAT9191016	(4G4.0+2x(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9851346	(4G4.0+2x(2x1.5)C)C	17.0 10
PUR M.I.	07	MAT9091016	(4G4.0+2x(2x1.5)C)C	17.5 7.5
<b>IKG4141</b>				
PVC O.I.	04	MAT9751325	(4G6.0+2x(2x1.5)C)C	19.0 10
PVC M.I.	05	MAT9191003	(4G6.0+2x(2x1.5)C)C	21.0 7.5
PUR O.I.	06	MAT9851347	(4G6.0+2x(2x1.5)C)C	19.0 10
PUR M.I.	07	MAT9091003	(4G6.0+2x(2x1.5)C)C	19.5 7.5
<b>IKG4161</b>				
PVC M.I.	05	MAT9190036	(4G10+2x(2x1.5)C)C	23.0 7.5
PUR O.I.	06	MAT9851348	(4G10+2x(2x1.5)C)C	22.5 10
PUR M.I.	07	MAT9090036	(4G10+2x(2x1.5)C)C	22.5 7.5
<b>IKL0003</b>				
PVC M.I.	05	MAT9751358	(4G1.0+2x(2x0.75)C)C	13.5 7.5
PUR O.I.	06	MAT9851391	(4G1.0+2x(2x0.75)C)C	13.0 10
PUR M.I.	07	MAT9851390	(4G1.0+2x(2x0.75)C)C	13.5 7.5

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
 \* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 915

\* Technical information on the cable quality (Code **01-31**): ▶ Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Bosch Rexroth Power cables</b>				
<b>Linking cable with adapter plug</b>				
				
<b>IKL0023</b>				
PVC O.I.	04	MAT9751307	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9191013	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9851312	(4G1.5+2x(2x0.75)C)C	13.5 10
PUR M.I.	07	MAT9091013	(4G1.5+2x(2x0.75)C)C	14.5 7.5
<b>IKL0089</b>				
PVC O.I.	04	MAT9751308	(4G6.0+2x(2x1.5)C)C	19.0 10
PVC M.I.	05	MAT9191005	(4G6.0+2x(2x1.5)C)C	21.0 7.5
PUR O.I.	06	MAT9851313	(4G6.0+2x(2x1.5)C)C	19.0 10
PUR M.I.	07	MAT9091005	(4G6.0+2x(2x1.5)C)C	19.5 7.5
<b>IKL0168</b>				
PVC M.I.	05	MAT9191006	(4G25+2x(2x1.5)C)C	31.0 7.5
PUR O.I.	06	MAT9851314	(4G25+2x(2x1.5)C)C	28.5 10
PUR M.I.	07	MAT9091006	(4G25+2x(2x1.5)C)C	31.0 7.5
<b>RKL0035</b>				
PVC M.I.	05	MAT9751371	(4G0.75+(2x0.5)C)C	11.0 7.5
PUR M.I.	07	MAT98513109	(4G0.75+(2x0.5)C)C	11.5 7.5
<b>RKL4304</b>				
PVC O.I.	04	MAT9751346	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9191007	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9851375	(4G1.5+2x(2x0.75)C)C	13.5 10
PUR M.I.	07	MAT9091007	(4G1.5+2x(2x0.75)C)C	14.5 7.5
<b>RKL4305</b>				
PVC M.I.	05	MAT9191008	(4G1.0+2x(2x0.75)C)C	13.5 7.5
PUR O.I.	06	MAT9851376	(4G1.0+2x(2x0.75)C)C	13.0 10
PUR M.I.	07	MAT9091008	(4G1.0+2x(2x0.75)C)C	13.5 7.5
<b>RKL4311</b>				
PVC O.I.	04	MAT9751347	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9191009	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9851377	(4G1.5+2x(2x0.75)C)C	13.5 10
PUR M.I.	07	MAT9091009	(4G1.5+2x(2x0.75)C)C	14.5 7.5

**Extension cable**



<b>RKL4312</b>				
PVC O.I.	04	MAT9751348	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9191010	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9851378	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9091010	(4G2.5+2x(2x1.5)C)C	16.0 7.5

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
 \* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 915

\* Technical information on the cable quality (Code **01-31**): ▶ Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Bosch Rexroth Power cables</b>				
<b>RKL4316</b>				
PVC O.I.	04	MAT9751349	(4G4.0+2x(2x1.5)C)C	17.0 10
PVC M.I.	05	MAT9191011	(4G4.0+2x(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9851379	(4G4.0+2x(2x1.5)C)C	17.0 10
PUR M.I.	07	MAT9091011	(4G4.0+2x(2x1.5)C)C	17.5 7.5
<b>RKL4319</b>				
PVC O.I.	04	MAT9751350	(4G6.0+2x(2x1.5)C)C	19.0 10
PVC M.I.	05	MAT9191012	(4G6.0+2x(2x1.5)C)C	21.0 7.5
PUR O.I.	06	MAT9851380	(4G6.0+2x(2x1.5)C)C	19.0 10
PUR M.I.	07	MAT9091012	(4G6.0+2x(2x1.5)C)C	19.5 7.5
<b>RKL4335</b>				
PVC O.I.	04	MAT9751373	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9751372	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT98513111	(4G1.5+2x(2x0.75)C)C	13.5 10
PUR M.I.	07	MAT98513110	(4G1.5+2x(2x0.75)C)C	14.5 7.5
<b>RKL4336</b>				
PVC O.I.	04	MAT9751351	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9191018	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9851381	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9091018	(4G2.5+2x(2x1.5)C)C	16.0 7.5
<b>RKL4337</b>				
PVC O.I.	04	MAT9751375	(4G4.0+2x(2x1.5)C)C	17.0 10
PVC M.I.	05	MAT9751374	(4G4.0+2x(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT98513113	(4G4.0+2x(2x1.5)C)C	17.0 10
PUR M.I.	07	MAT98513112	(4G4.0+2x(2x1.5)C)C	17.5 7.5
<b>RKL4338</b>				
PVC O.I.	04	MAT9751352	(4G6.0+2x(2x1.5)C)C	19.0 10
PVC M.I.	05	MAT9191017	(4G6.0+2x(2x1.5)C)C	21.0 7.5
PUR O.I.	06	MAT9851382	(4G6.0+2x(2x1.5)C)C	19.0 10
PUR M.I.	07	MAT9091017	(4G6.0+2x(2x1.5)C)C	19.5 7.5
<b>RKL4339</b>				
PVC M.I.	05	MAT9751376	(4G10+2x(2x1.5)C)C	23.0 7.5
PUR O.I.	06	MAT98513115	(4G10+2x(2x1.5)C)C	22.5 10
PUR M.I.	07	MAT98513114	(4G10+2x(2x1.5)C)C	22.5 7.5
<b>RKL4340</b>				
PVC M.I.	05	MAT9191015	(4G16+2x(2x1.5)C)C	26.5 7.5
PUR O.I.	06	MAT9851383	(4G16+2x(2x1.5)C)C	26.0 10
PUR M.I.	07	MAT9091015	(4G16+2x(2x1.5)C)C	26.0 7.5
<b>RKL4341</b>				
PVC M.I.	05	MAT9751377	(4G25+2x(2x1.5)C)C	31.0 7.5
PUR O.I.	06	MAT98513117	(4G25+2x(2x1.5)C)C	28.5 10
PUR M.I.	07	MAT98513116	(4G25+2x(2x1.5)C)C	31.0 7.5

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 \* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 915



\* Technical information on the cable quality (Code **01-31**): ▶ Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
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### Bosch Rexroth Servo cables

#### Basic cable



RL2-002CBB-NN-xxx,x				
PVC M.I.	05	MAT97513150	(4G1.0+2x(2x0.75)C)	13.5 7.5
PUR O.I.	06	MAT98513156	(4G1.0+2x(2x0.75)C)	13.0 10
PUR M.I.	07	MAT98513150	(4G1.0+2x(2x0.75)C)	13.5 7.5
RL2-022CBB-NN-xxx,x				
PVC M.I.	05	MAT97513152	(4G1.0+2x(2x0.75)C)	13.5 7.5
PUR O.I.	06	MAT98513158	(4G1.0+2x(2x0.75)C)	13.0 10
PUR M.I.	07	MAT98513152	(4G1.0+2x(2x0.75)C)	13.5 7.5
RL2-045EBB-NN-xxx,x				
PVC M.I.	05	MAT97513154	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT98513160	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT98513154	(4G2.5+2x(2x1.5)C)C	16.0 7.5

#### Extension cable



RL2-500CBB-NN-xxx,x				
PVC M.I.	05	MAT97513151	(4G1.0+2x(2x0.75)C)	13.5 7.5
PUR O.I.	06	MAT98513157	(4G1.0+2x(2x0.75)C)	13.0 10
PUR M.I.	07	MAT98513151	(4G1.0+2x(2x0.75)C)	13.5 7.5
RL2-521CBB-NN-xxx,x				
PVC M.I.	05	MAT97513153	(4G1.0+2x(2x0.75)C)	13.5 7.5
PUR O.I.	06	MAT98513159	(4G1.0+2x(2x0.75)C)	13.0 10
PUR M.I.	07	MAT98513153	(4G1.0+2x(2x0.75)C)	13.5 7.5
RL2-542EBB-NN-xxx,x				
PVC M.I.	05	MAT97513155	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT98513161	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT98513155	(4G2.5+2x(2x1.5)C)C	16.0 7.5

### Bosch Rexroth Hybrid servo cables

#### Basic cable



RH2-021DBB-NN				
PUR O.I.	27	MAT98513122	(4G1.5+(2x0.75)C +(2x2x0.14+2x0.25)C)C	15.0 10
RH2-022DBB-NN				
PUR O.I.	27	MAT98513123	(4G1.5+(2x0.75)C +(2x2x0.14+2x0.25)C)C	15.0 10
RH2-023DBB-NN				
PUR O.I.	27	MAT98513124	(4G1.5+(2x0.75)C +(2x2x0.14+2x0.25)C)C	15.0 10

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 915

\* Technical information on the cable quality (Code **01-31**): ▶ Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
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### Bosch Rexroth Hybrid servo cables

#### Basic cable



RKH0101				
PUR O.I.	27	MAT98513120	(5x2.5+(5x0.35)+(4xAWG22)C)C	17.0 10

#### Basic cable



RKH0900				
PUR O.I.	27	MAT98513121	(5x2.5+(5x0.35)+(4xAWG22)C)C	17.0 10

### Bosch Rexroth Encoder cables

#### Basic cable



IKS4103				
TPE H*	11	MAT9100001	(4x(2x0.25)+2x0.5)C	8.5 6.8

#### Basic cable



IKS0230				
PVC	08	MAT9110008	(2x(2x0.25)+2x0.5)C	6.5 10
PUR M.I.	10	MAT9841307	(2x(2x0.25)+2x0.5)C	6.5 7.5
TPE H*	11	MAT9100008	(2x(2x0.25)+2x0.5)C	6.5 6.8
IKS0251				
TPE H*	24	MAT9100014	(12x0.5)C	11.5 5
IKS0253				
TPE H*	24	MAT9100023	(12x0.5)C	11.5 5
IKS0259				
TPE H*	24	MAT9100032	(12x0.5)C	11.5 5
IKS0262				
TPE H*	24	MAT9100016	(12x0.5)C	11.5 5
IKS0301				
PVC	08	MAT9110015	(4x(2x0.25)+2x1.0)C	8.5 10
PUR M.I.	10	MAT9841308	(4x(2x0.25)+2x1.0)C	9.0 7.5
TPE H*	11	MAT9100015	(4x(2x0.25)+2x1.0)C	9.0 6.8
IKS0315				
PVC	08	MAT9110020	(4x(2x0.25)+2x1.0)C	8.5 10
PUR M.I.	10	MAT9841309	(4x(2x0.25)+2x1.0)C	9.0 7.5
TPE H*	11	MAT9100020	(4x(2x0.25)+2x1.0)C	9.0 6.8
IKS0374				
PVC	08	MAT9110011	(4x(2x0.25)+2x1.0)C	8.5 10
PUR M.I.	10	MAT9841310	(4x(2x0.25)+2x1.0)C	9.0 7.5
TPE H*	11	MAT9100011	(4x(2x0.25)+2x1.0)C	9.0 6.8

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 915

\* Technical information on the cable quality (Code **01-31**): ▶ Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
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**Bosch Rexroth Encoder cables**

Basic cable



<b>IKS4001</b>				
PVC	08	MAT9110026	(4x(2x0.14)+(4x0.14)C+4x1.0)C	10.0 10
PUR M.I.	10	MAT9841311	(4x(2x0.14)+(4x0.14)C+4x1.0)C	10.0 7.5
TPE H*	11	MAT9100026	(4x(2x0.14)+(4x0.14)C+4x1.0)C	10.0 6.8
<b>IKS4002</b>				
PVC	08	MAT9110010	(3x(2x0.25)C+(3x0.25)+2x1.0)C	10.0 10
PUR M.I.	10	MAT9841312	(3x(2x0.25)C+(3x0.25)+2x1.0)C	10.0 7.5
TPE H*	11	MAT9100010	(3x(2x0.25)C+(3x0.25)+2x1.0)C	10.0 6.8
<b>IKS4020</b>				
PVC	08	MAT9110006	(4x(2x0.14)+(4x0.14)C+4x1.0)C	10.0 10
PUR M.I.	10	MAT9841313	(4x(2x0.14)+(4x0.14)C+4x1.0)C	10.0 7.5
TPE H*	11	MAT9100006	(4x(2x0.14)+(4x0.14)C+4x1.0)C	10.0 6.8
<b>IKS4038</b>				
PVC	08	MAT9110027	(4x(2x0.14)+(4x0.14)C+4x1.0)C	10.0 10
PUR M.I.	10	MAT9841314	(4x(2x0.14)+(4x0.14)C+4x1.0)C	10.0 7.5
TPE H*	11	MAT9100027	(4x(2x0.14)+(4x0.14)C+4x1.0)C	10.0 6.8
<b>IKS4041</b>				
PVC	08	MAT9110028	(3x(2x0.25)C+(3x0.25)+2x1.0)C	10.0 10
PUR M.I.	10	MAT9841315	(3x(2x0.25)C+(3x0.25)+2x1.0)C	10.0 7.5
TPE H*	11	MAT9100028	(3x(2x0.25)C+(3x0.25)+2x1.0)C	10.0 6.8
<b>IKS4042</b>				
PVC	08	MAT9110017	(4x(2x0.25)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9841316	(4x(2x0.25)+2x0.5)C	8.5 7.5
TPE H*	11	MAT9100017	(4x(2x0.25)+2x0.5)C	8.5 6.8

Basic cable



<b>IKS4066</b>				
PVC	08	MAT9110025	(4x(2x0.25)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9841317	(4x(2x0.25)+2x0.5)C	8.5 7.5
TPE H*	11	MAT9100025	(4x(2x0.25)+2x0.5)C	8.5 6.8

Basic cable



<b>IKS4103</b>				
PVC	08	MAT9110001	(4x(2x0.25)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9841318	(4x(2x0.25)+2x0.5)C	8.5 7.5

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\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 915

\* Technical information on the cable quality (Code **01-31**): ▶ Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
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**Bosch Rexroth Encoder cables**

Basic cable



<b>IKS4142</b>				
PVC	08	MAT9110007	(4x(2x0.14)+(4x0.14)C+4x1.0)C	10.0 10
PUR M.I.	10	MAT9841319	(4x(2x0.14)+(4x0.14)C+4x1.0)C	10.0 7.5
TPE H*	11	MAT9100007	(4x(2x0.14)+(4x0.14)C+4x1.0)C	10.0 6.8
<b>IKS4314</b>				
PVC	08	MAT9110004	(4x(2x0.25)+2x1.0)C	8.5 10
PUR M.I.	10	MAT9841320	(4x(2x0.25)+2x1.0)C	9.0 7.5
TPE H*	11	MAT9100004	(4x(2x0.25)+2x1.0)C	9.0 6.8
<b>IKS4374</b>				
PVC	08	MAT9110002	(4x(2x0.25)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9841321	(4x(2x0.25)+2x0.5)C	8.5 7.5
TPE H*	11	MAT9100002	(4x(2x0.25)+2x0.5)C	8.5 6.8
<b>IKS4375</b>				
PVC	08	MAT9110003	(4x(2x0.25)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9841322	(4x(2x0.25)+2x0.5)C	8.5 7.5
TPE H*	11	MAT9100003	(4x(2x0.25)+2x0.5)C	8.5 6.8
<b>IKS4384</b>				
PVC	08	MAT9110005	(3x(2x0.25)C+(3x0.25)+2x1.0)C	10.0 10
PUR M.I.	10	MAT9841323	(3x(2x0.25)C+(3x0.25)+2x1.0)C	10.0 7.5
TPE H*	11	MAT9100005	(3x(2x0.25)C+(3x0.25)+2x1.0)C	10.0 6.8
<b>IKS4389</b>				
PVC	08	MAT9110033	(3x(2x0.25)C+(3x0.25)+2x1.0)C	10.0 10
PUR M.I.	10	MAT9841324	(3x(2x0.25)C+(3x0.25)+2x1.0)C	10.0 7.5
TPE H*	11	MAT9100033	(3x(2x0.25)C+(3x0.25)+2x1.0)C	10.0 6.8



Basic cable



<b>RG2-002AAB-NN-xxx,x</b>				
PVC	08	MAT9741301	(2x(2x0.25)+2x0.5)C	6.5 10
TPE H*	11	MAT9941301	(2x(2x0.25)+2x0.5)C	6.5 6.8
<b>RKG0014</b>				
PVC	08	MAT9110030	(3x(2x0.25)C+(3x0.25)+2x1.0)C	10.0 10
PUR M.I.	10	MAT9841301	(3x(2x0.25)C+(3x0.25)+2x1.0)C	10.0 7.5
TPE H*	11	MAT9100030	(3x(2x0.25)C+(3x0.25)+2x1.0)C	10.0 6.8
<b>RKG0020</b>				
PVC	08	MAT9110034	(4x(2x0.25)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9841302	(4x(2x0.25)+2x0.5)C	8.5 7.5
TPE H*	11	MAT9100034	(4x(2x0.25)+2x0.5)C	8.5 6.8


**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 915

\* Technical information on the cable quality (Code **01-31**): ▶ Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Bosch Rexroth Encoder cables</b>				
<b>Basic cable</b>				
				
<b>RKG0026</b>				
PVC	08	MAT9110029	(3x(2x0.25)C+(3x0.25)+2x1.0)C	10.0 10
PUR M.I.	10	MAT9841303	(3x(2x0.25)C+(3x0.25)+2x1.0)C	10.0 7.5
TPE H*	11	MAT9100029	(3x(2x0.25)C+(3x0.25)+2x1.0)C	10.0 6.8
<b>RKG0028</b>				
PVC	08	MAT9110031	(3x(2x0.25)C+(3x0.25)+2x1.0)C	10.0 10
PUR M.I.	10	MAT9841304	(3x(2x0.25)C+(3x0.25)+2x1.0)C	10.0 7.5
TPE H*	11	MAT9100031	(3x(2x0.25)C+(3x0.25)+2x1.0)C	10.0 6.8
<b>RKG4200</b>				
PVC	08	MAT9110013	(4x(2x0.25)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9841305	(4x(2x0.25)+2x0.5)C	8.5 7.5
TPE H*	11	MAT9100013	(4x(2x0.25)+2x0.5)C	8.5 6.8
<b>Linking cable with adapter plug</b>				
				
<b>IKS0232</b>				
PVC	08	MAT9110009	(2x(2x0.25)+2x0.5)C	6.5 10
PUR M.I.	10	MAT9841325	(2x(2x0.25)+2x0.5)C	6.5 7.5
TPE H*	11	MAT9100009	(2x(2x0.25)+2x0.5)C	6.5 6.8
<b>IKS0255</b>				
TPE H*	24	MAT9100018	(12x0.5)C	11.5 5
<b>IKS0303</b>				
PVC	08	MAT9110019	(4x(2x0.25)+2x1.0)C	8.5 10
PUR M.I.	10	MAT9841326	(4x(2x0.25)+2x1.0)C	9.0 7.5
TPE H*	11	MAT9100019	(4x(2x0.25)+2x1.0)C	9.0 6.8
<b>IKS4065</b>				
PVC	08	MAT9111001	(4x(2x0.25)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9841327	(4x(2x0.25)+2x0.5)C	8.5 7.5
TPE H*	11	MAT9101001	(4x(2x0.25)+2x0.5)C	8.5 6.8
<b>IKS4151</b>				
PVC	08	MAT9111002	(4x(2x0.25)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9841328	(4x(2x0.25)+2x0.5)C	8.5 7.5
TPE H*	11	MAT9101002	(4x(2x0.25)+2x0.5)C	8.5 6.8
<b>IKS4153</b>				
PVC	08	MAT9111003	(4x(2x0.25)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9841329	(4x(2x0.25)+2x0.5)C	8.5 7.5
TPE H*	11	MAT9101003	(4x(2x0.25)+2x0.5)C	8.5 6.8

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\* Technical information on the cable quality (Code **01-31**): ▶ Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Bosch Rexroth Encoder cables</b>				
<b>IKS4322</b>				
PVC	08	MAT9111005	(4x(2x0.25)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9841331	(4x(2x0.25)+2x0.5)C	8.5 7.5
TPE H*	11	MAT9101005	(4x(2x0.25)+2x0.5)C	8.5 6.8
<b>IKS4376</b>				
PVC	08	MAT9111004	(4x(2x0.25)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9841330	(4x(2x0.25)+2x0.5)C	8.5 7.5
TPE H*	11	MAT9101004	(4x(2x0.25)+2x0.5)C	8.5 6.8
<b>Extension cable with adapter plug</b>				
				
<b>RG2-510AAB-NN-xxx,x</b>				
PVC	08	MAT9741302	(2x(2x0.25)+2x0.5)C	6.5 10
TPE H*	11	MAT9941302	(2x(2x0.25)+2x0.5)C	6.5 6.8
<b>RKG4201</b>				
PVC	08	MAT9111006	(4x(2x0.25)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9841306	(4x(2x0.25)+2x0.5)C	8.5 7.5
TPE H*	11	MAT9101006	(4x(2x0.25)+2x0.5)C	8.5 6.8

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**EPLAN macros suitable for Bosch Rexroth available online**

Can be used directly in CAE planning.

Learn more about it on page 572/573 and online: [www.igus.eu/eplan-macro](http://www.igus.eu/eplan-macro)



\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
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### Elau/Schneider Electric Servo cables

#### Basic cable



E-MO-067				
PVC O.I.	04	MAT9750701	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9470001	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9850701	(4G1.5+2x(2x0.75)C)C	13.5 10
PUR M.I.	07	MAT9470101	(4G1.5+2x(2x0.75)C)C	14.5 7.5
E-MO-092				
PVC O.I.	04	MAT9750704	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9470004	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9850704	(4G1.5+2x(2x0.75)C)C	13.5 10
PUR M.I.	07	MAT9470104	(4G1.5+2x(2x0.75)C)C	14.5 7.5

#### Basic cable



E-MO-087				
PVC O.I.	04	MAT9750703	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9470003	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9850703	(4G1.5+2x(2x0.75)C)C	13.5 10
PUR M.I.	07	MAT9470103	(4G2.5+2x(2x1.5)C)C	16.0 7.5

#### Basic cable



E-MO-111 SH-Motor 1.5				
PVC O.I.	04	MAT9750702	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9470002	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9850702	(4G1.5+2x(2x0.75)C)C	13.5 10
PUR M.I.	07	MAT9470102	(4G1.5+2x(2x0.75)C)C	14.5 7.5

#### Basic cable



E-MO-113 SH-Motor 2.5				
PVC O.I.	04	MAT9750705	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9470005	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9850705	(4G1.5+2x(2x0.75)C)C	13.5 10
PUR M.I.	07	MAT9470105	(4G2.5+2x(2x1.5)C)C	16.0 7.5

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
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### Elau/Schneider Electric Hybrid servo cables

#### Basic cable



E-MO-109, VW3E1109Rxxx				
PUR O.I.	06	MAT9850706	(4G25+2x(2x1.5)C)C	28.5 10
E-MO-117, VW3E1117Rxxx				
PUR O.I.	27	MAT9850707	5G2.5+(4xAWG24)C+(2x0.25)C	14.5 10
E-MO-118, VW3E1118Rxxx				
PUR O.I.	27	MAT9850708	5G2.5+(4xAWG24)C+(2x0.25)C	14.5 10
E-MO-119, VW3E1119Rxxx				
PUR O.I.	27	MAT9850709	5G2.5+(4xAWG24)C+(2x0.25)C	14.5 10
E-MO-120, VW3E1120Rxxx				
PUR O.I.	27	MAT9850710	5G2.5+(4xAWG24)C+(2x0.25)C	14.5 10
E-MO-121, VW3E1121Rxxx				
PUR O.I.	27	MAT9850711	5G2.5+(4xAWG24)C+(2x0.25)C	14.5 10
E-MO-124, VW3E1124Rxxx				
PUR O.I.	27	MAT9850712	5G2.5+(4xAWG24)C+(2x0.25)C	14.5 10
E-MO-125, VW3E1125Rxxx				
PUR O.I.	27	MAT9850713	5G2.5+(4xAWG24)C+(2x0.25)C	14.5 10
E-MO-126, VW3E1126Rxxx				
PUR O.I.	27	MAT9850714	5G2.5+(4xAWG24)C+(2x0.25)C	14.5 10
E-MO-127, VW3E1127Rxxx				
PUR O.I.	27	MAT9850715	5G2.5+(4xAWG24)C+(2x0.25)C	14.5 10

### Elau/Schneider Electric Encoder cables

#### Basic cable



E-FB-060				
PVC	08	MAT9480001	(4x(2x0.25)+2x0.5)C	8.0 10
TPE H*	11	MAT9480101	(4x(2x0.25)+2x0.5)C	8.5 6.8
E-FB-071				
PVC	08	MAT9480002	(4x(2x0.25)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9940702	(4x(2x0.25)+2x0.5)C	8.5 7.5
TPE H*	11	MAT9480102	(4x(2x0.25)+2x0.5)C	8.5 6.8

#### Basic cable



E-FB-080				
PVC	08	MAT9480003	(4x(2x0.25)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9940703	(4x(2x0.25)+2x0.5)C	8.5 7.5
TPE H*	11	MAT9480103	(4x(2x0.25)+2x0.5)C	8.5 6.8

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\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

# Harnessed drive cables | Fagor

## PUR/TPE

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Fagor Path measuring cables</b>				
<b>Extension cable</b>				
<b>iEEC-x</b>				
PUR O.I.	<b>09</b>	MAT9950808	(4x(2x0.14)+4x0.5)C	8.5 10
PUR M.I.	<b>10</b>	MAT9850808	(4x(2x0.14)+4x0.5)C	9.0 7.5
TPE H*	<b>11</b>	MAT9520070	(4x(2x0.14)+4x0.5)C	9.0 6.8
<b>Extension cable</b>				
<b>iXC-C2-D</b>				
PUR O.I.	<b>09</b>	MAT9950801	(4x(2x0.14)+4x0.5)C	8.5 10
PUR M.I.	<b>10</b>	MAT9850801	(4x(2x0.14)+4x0.5)C	9.0 7.5
TPE H*	<b>11</b>	MAT9520001	(4x(2x0.14)+4x0.5)C	9.0 6.8
<b>Extension cable</b>				
<b>iXC-C2-FN2</b>				
PUR O.I.	<b>09</b>	MAT9950807	(4x(2x0.14)+4x0.5)C	8.5 10
PUR M.I.	<b>10</b>	MAT9850807	(4x(2x0.14)+4x0.5)C	9.0 7.5
TPE H*	<b>11</b>	MAT9520060	(4x(2x0.14)+4x0.5)C	9.0 6.8
<b>Extension cable</b>				
<b>iXC-C2-H</b>				
PUR O.I.	<b>09</b>	MAT9950803	(4x(2x0.14)+4x0.5)C	8.5 10
PUR M.I.	<b>10</b>	MAT9850803	(4x(2x0.14)+4x0.5)C	9.0 7.5
TPE H*	<b>11</b>	MAT9520020	(4x(2x0.14)+4x0.5)C	9.0 6.8
<b>Extension cable</b>				
<b>iXC-C4-D</b>				
PUR O.I.	<b>09</b>	MAT9950802	(4x(2x0.14)+4x0.5)C	8.5 10
PUR M.I.	<b>10</b>	MAT9850802	(4x(2x0.14)+4x0.5)C	9.0 7.5
TPE H*	<b>11</b>	MAT9520010	(4x(2x0.14)+4x0.5)C	9.0 6.8
<b>Extension cable</b>				
<b>iXC-C8-F-C9</b>				
PUR O.I.	<b>09</b>	MAT9950805	(2x(2x(2x0.14)))+(4x0.14)C+(4x0.5)C	10.5 10
PUR M.I.	<b>10</b>	MAT9850805	(2x(2x(2x0.14)))+(4x0.14)C+(4x0.5)C	11.0 7.5
TPE H*	<b>11</b>	MAT9520040	(2x(2x(2x0.14)))+(4x0.14)C+(4x0.5)C	11.0 6.8

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.  
igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

# Harnessed drive cables | Fagor

## PUR/TPE

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Fagor Path measuring cables</b>				
<b>Extension cable</b>				
<b>iXC-C8-F-D</b>				
PUR O.I.	<b>09</b>	MAT9950804	(2x(2x(2x0.14)))+(4x0.14)C+(4x0.5)C	10.5 10
PUR M.I.	<b>10</b>	MAT9850804	(2x(2x(2x0.14)))+(4x0.14)C+(4x0.5)C	11.0 7.5
TPE H*	<b>11</b>	MAT9520030	(2x(2x(2x0.14)))+(4x0.14)C+(4x0.5)C	11.0 6.8
<b>Extension cable</b>				
<b>iXC-C8-FN</b>				
PUR O.I.	<b>09</b>	MAT9950806	(4x(2x0.14)+4x0.5)C	8.5 10
PUR M.I.	<b>10</b>	MAT9850806	(4x(2x0.14)+4x0.5)C	9.0 7.5
TPE H*	<b>11</b>	MAT9520050	(4x(2x0.14)+4x0.5)C	9.0 6.8

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.  
igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

# Harnessed drive cables | Fanuc

## PVC/PUR/TPE

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
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### Fanuc Power cables

#### Basic cable



#### LX660-8077-T261

PVC M.I.	<b>01</b>	MAT9760901	(4G1.5)C	10.0	7.5
PUR O.I.	<b>06</b>	MAT9200061	(4G1.5)C	10.0	10
PUR M.I.	<b>07</b>	MAT9210061	(4G1.5)C	11.0	7.5
TPE F	<b>02</b>	MAT9960901	(4G1.5)C	10.0	7.5

#### Basic cable



#### LX660-8077-T264

PVC M.I.	<b>01</b>	MAT9760902	(4G2.5)C	11.5	7.5
PUR O.I.	<b>06</b>	MAT9200064	(4G2.5)C	11.5	10
PUR M.I.	<b>07</b>	MAT9210064	(4G2.5)C	12.5	7.5
TPE F	<b>02</b>	MAT9960902	(4G2.5)C	11.5	7.5

#### LX660-8077-T266

PVC M.I.	<b>01</b>	MAT9760904	(4G2.5)C	11.5	7.5
PUR O.I.	<b>06</b>	MAT9200066	(4G2.5)C	11.5	10
PUR M.I.	<b>07</b>	MAT9210066	(4G2.5)C	12.5	7.5
TPE F	<b>02</b>	MAT9960904	(4G2.5)C	11.5	7.5

#### Basic cable



#### LX660-8077-T265

PVC M.I.	<b>01</b>	MAT9760903	(4G2.5)C	11.5	7.5
PUR O.I.	<b>06</b>	MAT9200065	(4G2.5)C	11.5	10
PUR M.I.	<b>07</b>	MAT9210065	(4G2.5)C	12.5	7.5
TPE F	<b>02</b>	MAT9960903	(4G2.5)C	11.5	7.5

#### LX660-8077-T267

PVC M.I.	<b>01</b>	MAT9760905	(4G2.5)C	11.5	7.5
PUR O.I.	<b>06</b>	MAT9200067	(4G2.5)C	11.5	10
PUR M.I.	<b>07</b>	MAT9210067	(4G2.5)C	12.5	7.5
TPE F	<b>02</b>	MAT9960905	(4G2.5)C	11.5	7.5

#### Basic cable



#### LX660-8077-T270

PVC M.I.	<b>01</b>	MAT9760906	(4G4.0)C	13.0	7.5
PUR O.I.	<b>06</b>	MAT9200070	(4G4.0)C	13.0	10
PUR M.I.	<b>07</b>	MAT9210070	(4G4.0+(2x1.5)C)C	16.0	7.5
TPE F	<b>02</b>	MAT9960906	(4G4.0)C	13.0	7.5

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

# Harnessed drive cables | Fanuc

## PVC/PUR/TPE

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
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### Fanuc Power cables

#### Basic cable



#### LX660-8077-T271

PVC M.I.	<b>01</b>	MAT9760907	(4G4.0)C	13.0	7.5
PUR O.I.	<b>06</b>	MAT9200071	(4G4.0)C	13.0	10
PUR M.I.	<b>07</b>	MAT9210071	(4G4.0+(2x1.5)C)C	16.0	7.5
TPE F	<b>02</b>	MAT9960907	(4G4.0)C	13.0	7.5

#### LX660-8077-T272

PVC M.I.	<b>01</b>	MAT9760908	(4G10)C	18.5	7.5
PUR O.I.	<b>06</b>	MAT9200072	(4G10)C	18.0	10
PUR M.I.	<b>07</b>	MAT9210072	(4G10+(2x1.5)C)C	21.0	7.5
TPE F	<b>02</b>	MAT9960908	(4G10)C	18.5	7.5

#### LX660-8077-T273

PVC M.I.	<b>01</b>	MAT9760909	(4G10)C	18.5	7.5
PUR O.I.	<b>06</b>	MAT9200073	(4G10)C	18.0	10
PUR M.I.	<b>07</b>	MAT9210073	(4G10+(2x1.5)C)C	21.0	7.5
TPE F	<b>02</b>	MAT9960909	(4G10)C	18.5	7.5

#### Basic cable



#### LX660-8077-T291

PVC M.I.	<b>01</b>	MAT9760910	(4G2.5)C	11.5	7.5
PUR O.I.	<b>06</b>	MAT9200091	(4G2.5)C	11.5	10
PUR M.I.	<b>07</b>	MAT9210091	(4G2.5)C	12.5	7.5
TPE F	<b>02</b>	MAT9960910	(4G2.5)C	11.5	7.5

#### LX660-8077-T293

PVC M.I.	<b>01</b>	MAT9760912	(4G4.0)C	13.0	7.5
PUR O.I.	<b>06</b>	MAT9200093	(4G4.0)C	13.0	10
PUR M.I.	<b>07</b>	MAT9210093	(4G4.0+(2x1.5)C)C	16.0	7.5
TPE F	<b>02</b>	MAT9960912	(4G4.0)C	13.0	7.5

#### Basic cable



#### LX660-8077-T292

PVC M.I.	<b>01</b>	MAT9760911	(4G4.0)C	13.0	7.5
PUR O.I.	<b>06</b>	MAT9200092	(4G4.0)C	13.0	10
PUR M.I.	<b>07</b>	MAT9210092	(4G4.0+(2x1.5)C)C	16.0	7.5
TPE F	<b>02</b>	MAT9960911	(4G4.0)C	13.0	7.5

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

# Harnessed drive cables | Fanuc

## PVC/PUR/TPE

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
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### Fanuc Power cables

#### Basic cable



#### LX660-8077-T296

PVC M.I.	<b>01</b>	MAT9760913	(4G2.5)C	11.5	7.5
PUR O.I.	<b>06</b>	MAT9200096	(4G2.5)C	11.5	10
PUR M.I.	<b>07</b>	MAT9210096	(4G2.5)C	12.5	7.5
TPE F	<b>02</b>	MAT9960913	(4G2.5)C	11.5	7.5

#### Basic cable



#### LX660-8077-T298

PVC M.I.	<b>01</b>	MAT9760914	(4G4.0)C	13.0	7.5
PUR O.I.	<b>06</b>	MAT9200098	(4G4.0)C	13.0	10
PUR M.I.	<b>07</b>	MAT9210098	(4G4.0+(2x1.5)C)C	16.0	7.5
TPE F	<b>02</b>	MAT9960914	(4G4.0)C	13.0	7.5

#### Basic cable



#### LX660-8077-T300

PVC M.I.	<b>01</b>	MAT9760915	(4G2.5)C	11.5	7.5
PUR O.I.	<b>06</b>	MAT9200300	(4G2.5)C	11.5	10
PUR M.I.	<b>07</b>	MAT9210300	(4G2.5)C	12.5	7.5
TPE F	<b>02</b>	MAT9960915	(4G2.5)C	11.5	7.5

### Fanuc Servo cables

#### Basic cable



#### LX660-8077-T259

PUR O.I.	<b>06</b>	MAT9850916	(4G1.5)C	10.0	10
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#### Basic cable



#### LX660-8077-T274

PUR O.I.	<b>06</b>	MAT9850921	(4G2.5)C	11.5	10
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#### LX660-8077-T416

PUR O.I.	<b>06</b>	MAT9850923	(4G1.5+(2x1.5)C)	12.5	10
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#### LX660-8077-T451

PUR O.I.	<b>06</b>	MAT9850920	(4G2.5)C	11.5	10
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**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

# Harnessed drive cables | Fanuc

## PVC/PUR/TPE

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
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### Fanuc Servo cables

#### Basic cable



#### LX660-8077-T470

PUR O.I.	<b>06</b>	MAT9850925	(4G4.0)C	13.0	10
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#### Basic cable



#### LX660-8077-T471

PUR O.I.	<b>06</b>	MAT9850917	(4G4.0)C	13.0	10
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### Fanuc Brake cables

#### Basic cable



#### LX660-8077-T311

PUR M.I.	<b>22</b>	MAT9810919	(3G0.75)C	8.0	6.8
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### Fanuc Signal cables

#### Basic cable



#### LX660-2018-T015

PVC	<b>14</b>	MAT9840924	(10x(2x0.25))C	12.0	7.5
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#### Basic cable



#### LX660-4077-T296

PUR O.I.	<b>09</b>	MAT9300296	((2x0.25)+5x0.5)C	7.0	10
PUR M.I.	<b>10</b>	MAT9840901	((2x0.25)+5x0.5)C	8.0	7.5
TPE H*	<b>11</b>	MAT9310296	((2x0.25)+5x0.5)C	7.5	6.8

#### Basic cable



#### LX660-4077-T297

PUR O.I.	<b>09</b>	MAT9300297	((2x0.25)+5x0.5)C	7.0	10
PUR M.I.	<b>10</b>	MAT9840902	((2x0.25)+5x0.5)C	8.0	7.5
TPE H*	<b>11</b>	MAT9310297	((2x0.25)+5x0.5)C	7.5	6.8

#### Basic cable



#### LX660-4077-T302

PUR O.I.	<b>09</b>	MAT9300302	((4x0.25)+3x(2x0.25+2x0.5))C	9.5	10
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**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

# Harnessed drive cables | Fanuc

## PUR/TPE

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Fanuc Signal cables</b>				
<b>Basic cable</b>				
PUR M.I.	10	MAT9840903	((4x0.25)+3x(2x0.25+2x0.5))C	11.0 7.5
TPE H*	11	MAT9310302	((4x0.25)+3x(2x0.25+2x0.5))C	10.0 6.8
<b>Basic cable</b>				
<b>LX660-4077-T303</b>				
PUR O.I.	09	MAT9300303	((4x0.25)+3x(2x0.25+2x0.5))C	9.5 10
PUR M.I.	10	MAT9840904	((4x0.25)+3x(2x0.25+2x0.5))C	11.0 7.5
TPE H*	11	MAT9310303	((4x0.25)+3x(2x0.25+2x0.5))C	10.0 6.8
<b>LX660-4077-T310</b>				
TPE H*	11	MAT9940922	((4x0.25)+3x(2x0.25+2x0.5))C	10.0 6.8
<b>Basic cable</b>				
<b>LX660-4077-T319</b>				
PUR O.I.	09	MAT9300319	((4x0.25)+3x(2x0.25+2x0.5))C	9.5 10
PUR M.I.	10	MAT9840905	((4x0.25)+3x(2x0.25+2x0.5))C	11.0 7.5
TPE H*	11	MAT9310319	((4x0.25)+3x(2x0.25+2x0.5))C	10.0 6.8

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

# Harnessed drive cables | Festo

## PVC/PUR/TPE

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Festo Servo cables</b>				
<b>Basic cable</b>				
<b>NEBM-M16G8-E-xxx-Q7-LE8</b>				
PUR O.I.	06	MAT9852303	(4G0.75+2x(2x0.34))C	12.0 10
<b>Basic cable</b>				
<b>NEBM-M23G6-E-xxx-N-LE7</b>				
PVC O.I.	04	MAT9752301	(4G1.5+2x(2x0.75))C	13.5 10
PVC M.I.	05	MAT9752317	(4G1.5+2x(2x0.75))C	14.5 7.5
PUR O.I.	06	MAT9852301	(4G1.5+2x(2x0.75))C	13.5 10
PUR M.I.	07	MAT9852317	(4G1.5+2x(2x0.75))C	14.5 7.5
<b>NEBM-M23G8-E-xxx-N-LE8</b>				
PVC O.I.	04	MAT9752300	(4G2.5+2x(2x1.5))C	16.0 10
PVC M.I.	05	MAT9752316	(4G2.5+2x(2x1.5))C	17.0 7.5
PUR O.I.	06	MAT9852300	(4G2.5+(4x0.5))C	13.5 10
PUR M.I.	07	MAT9852316	(4G2.5+(4x0.5))C	14.0 7.5
<b>Basic cable</b>				
<b>NEBM-M40G8-E-xxx-N-LE7</b>				
PVC O.I.	04	MAT9752302	(4G2.5+2x(2x1.5))C	16.0 10
PVC M.I.	05	MAT9752318	(4G2.5+2x(2x1.5))C	17.0 7.5
PUR O.I.	06	MAT9852302	(4G2.5+2x(2x1.5))C	16.0 10
PUR M.I.	07	MAT9852318	(4G2.5+2x(2x1.5))C	16.0 7.5
<b>Festo Control cables</b>				
<b>Basic cable</b>				
<b>KPWR-MC-1-SUB-9HC-xxx</b>				
PVC M.I.	18	MAT9712320	(3G1.5)C	9.0 7.5
PUR M.I.	22	MAT9812320	(3G1.5)C	9.5 6.8
<b>Festo Encoder cables</b>				
<b>Basic cable</b>				
<b>NEBM-M23G12-E-xxx-N-S1G9</b>				
PVC	08	MAT9742308	(3x(2x0.14))C+2x(0.5)C	9.5 10
PUR O.I.	09	MAT9842308	(3x(2x0.14))C+2x(0.5)C	9.5 10
PUR M.I.	10	MAT9842324	(3x(2x0.14))C+2x(0.5)C	10.0 7.5
TPE H*	11	MAT9942308	(3x(2x0.14))C+2x(0.5)C	10.0 6.8

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915



# Harnessed drive cables | Festo

## PVC/PUR/TPE

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Festo Data cables</b>				
<b>Basic cable</b>				
<b>KDI-MC-M8-SUB-9-xxx</b>				
PVC	30	MAT9722311	(3x0.25)C	5.0 10
PUR	13	MAT9822311	(3x0.25)C	5.5 10
<b>Basic cable</b>				
<b>KES-MC-1-SUB-9-xxx</b>				
PVC	30	MAT9722310	(14x0.14)C	7.0 10
PUR	13	MAT9822310	(14x0.14)C	7.5 10
<b>Basic cable</b>				
<b>NEBM-M12G8-E-xxx-N-S1G15</b>				
PVC	14	MAT9722305	(4x(2x0.25))C	7.5 7.5
PUR	15	MAT9822305	(4x(2x0.25))C	7.5 7.5
TPE H*	16	MAT9922305	(4x(2x0.25))C	8.5 6.8
<b>Basic cable</b>				
<b>NEBM-M12G8-E-xxx-S1G9</b>				
PVC	14	MAT9722306	(4x(2x0.25))C	7.5 7.5
PUR	15	MAT9822306	(4x(2x0.25))C	7.5 7.5
TPE H*	16	MAT9922306	(4x(2x0.25))C	8.5 6.8
<b>Basic cable</b>				
<b>NEBM-M12W8-E-xxx-N-S1G15</b>				
PVC	14	MAT9722307	(4x(2x0.25))C	7.5 7.5
PUR	15	MAT9822307	(4x(2x0.25))C	7.5 7.5
TPE H*	16	MAT9922307	(4x(2x0.25))C	8.5 6.8

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.  
igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

# Harnessed drive cables | Festo

## PVC/PUR/TPE

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Festo Data cables</b>				
<b>Basic cable</b>				
<b>NEBM-S1G15-E-xxx-LE6</b>				
PVC	14	MAT9722309	(4x(2x0.5))C	9.5 7.5
PUR	15	MAT9822309	(4x(2x0.5))C	9.5 7.5
TPE H*	16	MAT9922309	(4x(2x0.5))C	9.5 6.8
<b>Basic cable</b>				
<b>NEBM-S1G9-E-xxx-LE6</b>				
PVC	30	MAT9722313	(7x0.34)C	7.5 10
PUR	13	MAT9822313	(7x0.34)C	6.5 10
<b>Festo Bus cables</b>				
<b>Basic cable</b>				
<b>FBA-CO-SUB-9-M12</b>				
PVC OIL	28	MAT9732312	(4x0.5)C	8.5 12.5
PUR	29	MAT9832312	(4x0.5)C	8.5 12.5
TPE	12	MAT9932312	(4x0.5)C	8.0 10

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.  
igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

# Harnessed drive cables | Heidenhain

## PVC/PUR/TPE

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
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### Heidenhain Servo cables

#### Linking cable



#### 352 960-xx

PVC O.I.	04	MAT94907005	(4G1.5+(2x1.5)C)	12.5	10
PVC M.I.	05	MAT9761001	(4G1.5+(2x1.5)C)	13.0	7.5
PUR O.I.	06	MAT93907005	(4G1.5+(2x1.5)C)	12.5	10
PUR M.I.	07	MAT9861001	(4G1.5+(2x1.5)C)	13.0	7.5

#### 352 962-xx

PVC O.I.	04	MAT94907008	(4G1.5+(2x1.5)C)	12.5	10
PVC M.I.	05	MAT9761003	(4G1.5+(2x1.5)C)	13.0	7.5
PUR O.I.	06	MAT93907008	(4G1.5+(2x1.5)C)	12.5	10
PUR M.I.	07	MAT9861003	(4G1.5+(2x1.5)C)	13.0	7.5

#### 352 963-xx

PVC O.I.	04	MAT94907006	(4G4.0+(2x1.5)C)C	15.0	10
PVC M.I.	05	MAT9761002	(4G4.0+(2x1.5)C)C	16.0	7.5
PUR O.I.	06	MAT93907006	(4G4.0+(2x1.5)C)C	15.0	10
PUR M.I.	07	MAT9861002	(4G4.0+(2x1.5)C)C	16.0	7.5

### Heidenhain Adapter cables

#### Basic cable



#### 298 401-xx

PVC	08	MAT9741006	(4x(2x0.14)+4x0.5)C	8.5	10
PUR O.I.	09	MAT9841008	(4x(2x0.14)+4x0.5)C	8.5	10
PUR M.I.	10	MAT9841007	(4x(2x0.14)+4x0.5)C	9.0	7.5
TPE H*	11	MAT9941021	(4x(2x0.14)+4x0.5)C	9.0	6.8

#### Basic cable



#### 333 164-xx

PVC	08	MAT9741008	(4x(2x0.14)+4x0.5)C	8.5	10
PUR O.I.	09	MAT9841009	(4x(2x0.14)+4x0.5)C	8.5	10
PUR M.I.	10	MAT9841004	(4x(2x0.14)+4x0.5)C	9.0	7.5
TPE H*	11	MAT9941019	(4x(2x0.14)+4x0.5)C	9.0	6.8

#### Basic cable



#### 368 330-xx

PVC	08	MAT9741010	((4x0.14)+2x(2x0.34))C	7.0	10
PUR O.I.	09	MAT9841006	((4x0.14)+2x(2x0.34))C	7.0	10

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

# Harnessed drive cables | Heidenhain

## PVC/PUR/TPE

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
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### Heidenhain Adapter cables

#### Basic cable



#### 524 599-xx

PVC	08	MAT9741007	(4x(2x0.14)+4x0.5)C	8.5	10
PUR O.I.	09	MAT9841003	(4x(2x0.14)+4x0.5)C	8.5	10
PUR M.I.	10	MAT9841002	(4x(2x0.14)+4x0.5)C	9.0	7.5
TPE H*	11	MAT9941018	(4x(2x0.14)+4x0.5)C	9.0	6.8

#### Basic cable



#### 534 855-xx

PVC	08	MAT9741009	(4x(2x0.14)+(4x0.14)C+4x1.0)C	10.0	10
PUR M.I.	10	MAT9841005	(4x(2x0.14)+(4x0.14)C+4x1.0)C	10.0	7.5
TPE H*	11	MAT9941020	(4x(2x0.14)+(4x0.14)C+4x1.0)C	10.0	6.8

#### Basic cable



#### 605 424-xx

PVC	08	MAT9741000	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5)C	10.0	10
PUR O.I.	09	MAT9841001	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5)C	10.0	10
PUR M.I.	10	MAT9841000	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5)C	11.0	7.5
TPE H*	11	MAT9941000	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5)C	10.5	6.8

#### Linking cable



#### 289 440-xx

PVC	08	MAT9741002	(4x(2x0.14)+(4x0.14)C+4x1.0)C	10.0	10
PUR M.I.	10	MAT94901005	(4x(2x0.14)+(4x0.14)C+4x1.0)C	10.0	7.5
TPE H*	11	MAT93901005	(4x(2x0.14)+(4x0.14)C+4x1.0)C	10.0	6.8

#### 298 399-xx

PUR O.I.	09	MAT9941011	(4x(2x0.14)+4x0.5)C	8.5	10
PUR M.I.	10	MAT94905001	(4x(2x0.14)+4x0.5)C	9.0	7.5
TPE H*	11	MAT93905001	(4x(2x0.14)+4x0.5)C	9.0	6.8

#### 298 400-xx

PUR O.I.	09	MAT9941012	(4x(2x0.14)+4x0.5)C	8.5	10
PUR M.I.	10	MAT94906002	(4x(2x0.14)+4x0.5)C	9.0	7.5
TPE H*	11	MAT93906002	(4x(2x0.14)+4x0.5)C	9.0	6.8

#### 309 783-xx

PUR O.I.	09	MAT9941008	(4x(2x0.14)+4x0.5)C	8.5	10
PUR M.I.	10	MAT94903003	(4x(2x0.14)+4x0.5)C	9.0	7.5
TPE H*	11	MAT93903003	(4x(2x0.14)+4x0.5)C	9.0	6.8

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

# Harnessed drive cables | Heidenhain

## PVC/PUR/TPE

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Heidenhain Adapter cables</b>				
<b>Linking cable</b>				
<b>336 376-xx</b>				
PVC	08	MAT9741001	(4x(2x0.14)+(4x0.14)C+4x1.0)C	10.0 10
PUR M.I.	10	MAT94901004	(4x(2x0.14)+(4x0.14)C+4x1.0)C	10.0 7.5
TPE H*	11	MAT93901004	(4x(2x0.14)+(4x0.14)C+4x1.0)C	10.0 6.8
<b>604 419-xx</b>				
PUR O.I.	09	MAT9941003	(4x(2x0.14)+4x0.5)C	8.5 10
PUR M.I.	10	MAT94901003	(4x(2x0.14)+4x0.5)C	9.0 7.5
TPE H*	11	MAT93901003	(4x(2x0.14)+4x0.5)C	9.0 6.8
<b>Linking cable</b>				
<b>298 402-xx</b>				
PUR O.I.	09	MAT9941016	(4x(2x0.14)+4x0.5)C	8.5 10
PUR M.I.	10	MAT94909001	(4x(2x0.14)+4x0.5)C	9.0 7.5
TPE H*	11	MAT93909001	(4x(2x0.14)+4x0.5)C	9.0 6.8
<b>Linking cable</b>				
<b>309 738-xx</b>				
PUR O.I.	09	MAT9941007	(4x(2x0.14)+4x0.5)C	8.5 10
PUR M.I.	10	MAT94903001	(4x(2x0.14)+4x0.5)C	9.0 7.5
TPE H*	11	MAT93903001	(4x(2x0.14)+4x0.5)C	9.0 6.8
<b>Linking cable</b>				
<b>309 774-xx</b>				
PUR M.I.	10	MAT94906001	(4x(2x0.14)+4x0.5)C	9.0 7.5
TPE H*	11	MAT93906001	(4x(2x0.14)+4x0.5)C	9.0 6.8
<b>Linking cable</b>				
<b>368 172-xx</b>				
PVC	08	MAT9741003	(3x(2x0.14)C+2x(0.5)C)C	9.5 10
PUR M.I.	10	MAT94903002	(3x(2x0.14)C+2x(0.5)C)C	10.0 7.5
TPE H*	11	MAT93903002	(4x(2x0.14)+(4x0.14)C+4x1.0)C	10.0 6.8

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.  
igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

# Harnessed drive cables | Heidenhain

## PVC/PUR/TPE

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Heidenhain Adapter cables</b>				
<b>Linking cable</b>				
<b>309 777-xx</b>				
PUR O.I.	09	MAT9941013	(4x(2x0.14)+4x0.5)C	8.5 10
PUR M.I.	10	MAT94907001	(4x(2x0.14)+4x0.5)C	9.0 7.5
TPE H*	11	MAT93907001	(4x(2x0.14)+4x0.5)C	9.0 6.8
<b>309 778-xx</b>				
PUR O.I.	09	MAT9941014	(2x(2x(2x0.14)))+(4x0.14)C+(4x0.5)C	10.5 10
PUR M.I.	10	MAT94907002	(2x(2x(2x0.14)))+(4x0.14)C+(4x0.5)C	11.0 7.5
TPE H*	11	MAT93907002	(2x(2x(2x0.14)))+(4x0.14)C+(4x0.5)C	11.0 6.8
<b>533 627-xx</b>				
PUR O.I.	09	MAT9941004	(4x(2x0.14)+4x0.5)C	8.5 10
PUR M.I.	10	MAT94901006	(4x(2x0.14)+4x0.5)C	9.0 7.5
TPE H*	11	MAT93901006	(4x(2x0.14)+4x0.5)C	9.0 6.8
<b>Linking cable</b>				
<b>310 193-xx</b>				
PUR M.I.	10	MAT94907003	(3x(2x0.14)C+(2x0.5)C)C	10.0 7.5
TPE H*	11	MAT93907003	(3x(2x0.14)C+(2x0.5)C)C	10.0 6.8
<b>Linking cable</b>				
<b>310 197-xx</b>				
PUR M.I.	10	MAT94902001	(3x(2x0.14)C+(2x0.5)C)C	10.0 7.5
TPE H*	11	MAT93902001	(3x(2x0.14)C+(2x0.5)C)C	10.0 6.8
<b>310 199-xx</b>				
PUR O.I.	09	MAT9941006	(4x(2x0.14)+4x0.5)C	8.5 10
PUR M.I.	10	MAT94902003	(4x(2x0.14)+4x0.5)C	9.0 7.5
TPE H*	11	MAT93902003	(4x(2x0.14)+4x0.5)C	9.0 6.8
<b>Linking cable</b>				
<b>323 897-xx</b>				
PUR O.I.	09	MAT9941015	(2x(2x(2x0.14)))+(4x0.14)C+(4x0.5)C	10.5 10
PUR M.I.	10	MAT94907004	(2x(2x(2x0.14)))+(4x0.14)C+(4x0.5)C	11.0 7.5
TPE H*	11	MAT93907004	(2x(2x(2x0.14)))+(4x0.14)C+(4x0.5)C	11.0 6.8

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.  
igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

# Harnessed drive cables | Heidenhain

## PUR/TPE

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Heidenhain Adapter cables</b>				
<b>Linking cable</b>				
<b>324 544-xx</b>				
PUR O.I.	09	MAT9941005	(2x(2x(2x0.14)))+(4x0.14)C+(4x0.5)C	10.5 10
PUR M.I.	10	MAT94902002	(2x(2x(2x0.14)))+(4x0.14)C+(4x0.5)C	11.0 7.5
TPE H*	11	MAT93902002	(2x(2x(2x0.14)))+(4x0.14)C+(4x0.5)C	11.0 6.8
<b>332 115-xx</b>				
PUR O.I.	09	MAT9941001	(2x(2x(2x0.14)))+(4x0.14)C+(4x0.5)C	10.5 10
PUR M.I.	10	MAT94901001	(2x(2x(2x0.14)))+(4x0.14)C+(4x0.5)C	11.0 7.5
TPE H*	11	MAT93901001	(2x(2x(2x0.14)))+(4x0.14)C+(4x0.5)C	11.0 6.8
<b>Linking cable</b>				
<b>335 077-xx</b>				
PUR M.I.	10	MAT94908001	(4x(2x0.14)+4x0.5)C	9.0 7.5
TPE H*	11	MAT93908001	(4x(2x0.14)+4x0.5)C	9.0 6.8
<b>Linking cable</b>				
<b>354 411-xx</b>				
PUR O.I.	09	MAT9941009	(2x(2x(2x0.14)))+(4x0.14)C+(4x0.5)C	10.5 10
PUR M.I.	10	MAT94904001	(2x(2x(2x0.14)))+(4x0.14)C+(4x0.5)C	11.0 7.5
TPE H*	11	MAT93904001	(2x(2x(2x0.14)))+(4x0.14)C+(4x0.5)C	11.0 6.8
<b>355 398-xx</b>				
PUR O.I.	09	MAT9941010	(2x(2x(2x0.14)))+(4x0.14)C+(4x0.5)C	10.5 10
PUR M.I.	10	MAT94904002	(2x(2x(2x0.14)))+(4x0.14)C+(4x0.5)C	11.0 7.5
TPE H*	11	MAT93904002	(2x(2x(2x0.14)))+(4x0.14)C+(4x0.5)C	11.0 6.8
<b>Linking cable</b>				
<b>360 472-xx</b>				
PUR O.I.	09	MAT9941002	(2x(2x(2x0.14)))+(4x0.14)C+(4x0.5)C	10.5 10
PUR M.I.	10	MAT94901002	(2x(2x(2x0.14)))+(4x0.14)C+(4x0.5)C	11.0 7.5
TPE H*	11	MAT93901002	(2x(2x(2x0.14)))+(4x0.14)C+(4x0.5)C	11.0 6.8
<b>Linking cable</b>				
<b>309 779-xx</b>				
PUR O.I.	09	MAT99411017	(2x(2x(2x0.14)))+(4x0.14)C+(4x0.5)C	10.5 10
PUR M.I.	10	MAT94907007	(2x(2x(2x0.14)))+(4x0.14)C+(4x0.5)C	11.0 7.5
TPE H*	11	MAT93907007	(2x(2x(2x0.14)))+(4x0.14)C+(4x0.5)C	11.0 6.8

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

# Harnessed drive cables | Heidenhain

## PVC/PUR/TPE

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Heidenhain Adapter cables</b>				
<b>Linking cable</b>				
<b>309 780-xx</b>				
PVC	08	MAT9741004	(3x(2x0.14)C+2x(0.5)C)C	9.5 10
PUR M.I.	10	MAT94909002	(3x(2x0.14)C+2x(0.5)C)C	10.0 7.5
TPE H*	11	MAT93909002	(3x(2x0.14)C+2x(0.5)C)C	10.0 6.8
<b>Linking cable</b>				
<b>354 770-xx</b>				
TPE	12	MAT94910001	((2xAWG28)+2xAWG20)C	5.5 12.5
	12	MAT94910002	((2xAWG24)+2xAWG20)C	6.5 12.5

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

# Harnessed drive cables | Jetter

## PVC/PUR/TPE

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
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### Jetter Motor cables

#### Basic cable



#### Cable No. 201

PVC M.I.	01	MAT9761805	(4G4.0)C	13.0	7.5
PUR O.I.	06	MAT9861806	(4G4.0)C	13.0	10
PUR M.I.	07	MAT9851807	(4G4.0+(2x1.5)C)C	16.0	7.5
TPE F	02	MAT9961808	(4G4.0)C	13.0	7.5

#### Cable No. 203

PVC M.I.	01	MAT9761809	(4G4.0)C	13.0	7.5
PUR O.I.	06	MAT9861810	(4G4.0)C	13.0	10
PUR M.I.	07	MAT9851811	(4G4.0+(2x1.5)C)C	16.0	7.5
TPE F	02	MAT9961812	(4G4.0)C	13.0	7.5

#### Cable No. 26.1

PVC M.I.	01	MAT9761801	(4G1.5)C	10.0	7.5
PUR O.I.	06	MAT9861802	(4G1.5)C	10.0	10
PUR M.I.	07	MAT9861803	(4G1.5)C	11.0	7.5
TPE F	02	MAT9961804	(4G1.5)C	10.0	7.5

### Jetter Servo cables

#### Basic cable



#### Cable No. 202

PVC M.I.	05	MAT9751806	(4G4.0+(2x1.5)C)C	16.0	7.5
PUR O.I.	06	MAT9861807	(4G4.0+(2x1.5)C)C	15.0	10
PUR M.I.	07	MAT9851808	(4G4.0+(2x1.5)C)C	16.0	7.5

#### Cable No. 204

PVC M.I.	05	MAT9751810	(4G6.0+(2x1.5)C)C	18.0	7.5
PUR O.I.	06	MAT9861811	(4G6.0+(2x1.5)C)C	16.5	10
PUR M.I.	07	MAT9851812	(4G6.0+(2x1.5)C)C	17.5	7.5

#### Basic cable



#### Cable No. 24.1

PVC M.I.	05	MAT9751802	(4G1.5+(2x1.5)C)	13.0	7.5
PUR O.I.	06	MAT9851803	(4G1.5+(2x1.5)C)	12.5	10
PUR M.I.	07	MAT9851804	(4G1.5+(2x1.5)C)	13.0	7.5

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.  
igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

# Harnessed drive cables | Jetter

## PVC/PUR/TPE

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
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### Jetter Resolver cables

#### Basic cable



#### Cable No. 23

PVC	08	MAT9741801	(3x(2x0.14)C+2x(0.5)C)C	9.5	10
PUR M.I.	10	MAT9841802	(3x(2x0.14)C+(2x0.5)C)C	10.0	7.5
TPE H*	11	MAT9941803	(3x(2x0.14)C+(2x0.5)C)C	10.0	7.5

#### Cable No. 423

PVC	08	MAT9741804	(3x(2x0.14)C+2x(0.5)C)C	9.5	10
PUR M.I.	10	MAT9841805	(3x(2x0.14)C+(2x0.5)C)C	10.0	7.5
TPE H*	11	MAT9941806	(3x(2x0.14)C+(2x0.5)C)C	10.0	7.5

#### Basic cable



#### Cable No. 523


PVC	14	MAT9741807	(5x(2x0.25))C	8.5	7.5
PUR	15	MAT9841808	(5x(2x0.25))C	8.5	7.5
TPE H*	16	MAT9941809	(5x(2x0.25))C	9.0	6.8

#### Cable No. 723

PVC	14	MAT9741810	(5x(2x0.25))C	8.5	7.5
PUR	15	MAT9841811	(5x(2x0.25))C	8.5	7.5
TPE H*	16	MAT9941812	(5x(2x0.25))C	9.0	6.8


**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.  
igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Kollmorgen/Danaher Motion Motor cables</b>				
<b>Basic cable</b>				
				
<b>88959 (5m)</b>				
TPE H*	03	MAT9960626	(4G2.5)C	11.5 7.5
<b>88960 (10m)</b>				
TPE H*	03	MAT9960627	(4G2.5)C	11.5 7.5
<b>88962 (15m)</b>				
TPE H*	03	MAT9960628	(4G2.5)C	11.5 7.5
<b>88964 (20m)</b>				
TPE H*	03	MAT9960629	(4G2.5)C	11.5 7.5
<b>88966 (25m)</b>				
TPE H*	03	MAT9960630	(4G2.5)C	11.5 7.5
<b>89918 (5m)</b>				
PVC M.I.	01	MAT9340068	(4G1.5)C	10.0 7.5
TPE F	02	MAT9440068	(4G1.5)C	10.0 7.5
TPE H*	03	MAT9960621	(4G1.5)C	10.0 7.5
<b>89952 (10m)</b>				
PVC M.I.	01	MAT9340069	(4G1.5)C	10.0 7.5
TPE F	02	MAT9440069	(4G1.5)C	10.0 7.5
TPE H*	03	MAT9960622	(4G1.5)C	10.0 7.5
<b>89953 (15m)</b>				
PVC M.I.	01	MAT9340070	(4G1.5)C	10.0 7.5
TPE F	02	MAT9440070	(4G1.5)C	10.0 7.5
TPE H*	03	MAT9960623	(4G1.5)C	10.0 7.5
<b>89954 (20m)</b>				
PVC M.I.	01	MAT9340071	(4G1.5)C	10.0 7.5
TPE F	02	MAT9440071	(4G1.5)C	10.0 7.5
TPE H*	03	MAT9960624	(4G1.5)C	10.0 7.5
<b>89956 (25m)</b>				
PVC M.I.	01	MAT9340072	(4G1.5)C	10.0 7.5
TPE F	02	MAT9440072	(4G1.5)C	10.0 7.5
TPE H*	03	MAT9960625	(4G1.5)C	10.0 7.5
<b>89959 (5m)</b>				
PVC M.I.	01	MAT9340004	(4G2.5)C	11.5 7.5
TPE F	02	MAT9440004	(4G2.5)C	11.5 7.5
<b>89960 (10m)</b>				
PVC M.I.	01	MAT9340073	(4G2.5)C	11.5 7.5
TPE F	02	MAT9440073	(4G2.5)C	11.5 7.5
<b>89962 (15m)</b>				
PVC M.I.	01	MAT9340074	(4G2.5)C	11.5 7.5
TPE F	02	MAT9440074	(4G2.5)C	11.5 7.5




Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core \* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Kollmorgen/Danaher Motion Motor cables</b>				
<b>89964 (20m)</b>				
PVC M.I.	01	MAT9340075	(4G2.5)C	11.5 7.5
TPE F	02	MAT9440075	(4G2.5)C	11.5 7.5
<b>89966 (25m)</b>				
PVC M.I.	01	MAT9340076	(4G2.5)C	11.5 7.5
TPE F	02	MAT9440076	(4G2.5)C	11.5 7.5
<b>90083 (5m)</b>				
PVC M.I.	01	MAT9340063	(4G1.5)C	10.0 7.5
TPE F	02	MAT9440063	(4G1.5)C	10.0 7.5
TPE H*	03	MAT9960616	(4G1.5)C	10.0 7.5
<b>90084 (10m)</b>				
PVC M.I.	01	MAT9340064	(4G1.5)C	10.0 7.5
TPE F	02	MAT9440064	(4G1.5)C	10.0 7.5
TPE H*	03	MAT9960617	(4G1.5)C	10.0 7.5
<b>90085 (15m)</b>				
PVC M.I.	01	MAT9340065	(4G1.5)C	10.0 7.5
TPE F	02	MAT9440065	(4G1.5)C	10.0 7.5
TPE H*	03	MAT9960618	(4G1.5)C	10.0 7.5
<b>90086 (20m)</b>				
PVC M.I.	01	MAT9340066	(4G1.5)C	10.0 7.5
TPE F	02	MAT9440066	(4G1.5)C	10.0 7.5
TPE H*	03	MAT9960619	(4G1.5)C	10.0 7.5
<b>90087 (25m)</b>				
PVC M.I.	01	MAT9340067	(4G1.5)C	10.0 7.5
TPE F	02	MAT9440067	(4G1.5)C	10.0 7.5
TPE H*	03	MAT9960620	(4G1.5)C	10.0 7.5
<b>Basic cable</b>				
				
<b>102575 (5m)</b>				
PVC M.I.	01	MAT9340058	(4G1.5)C	10.0 7.5
TPE F	02	MAT9440058	(4G1.5)C	10.0 7.5
TPE H*	03	MAT9960611	(4G1.5)C	10.0 7.5
<b>102576 (10m)</b>				
PVC M.I.	01	MAT9340059	(4G1.5)C	10.0 7.5
TPE F	02	MAT9440059	(4G1.5)C	10.0 7.5
TPE H*	03	MAT9960612	(4G1.5)C	10.0 7.5
<b>102806 (15m)</b>				
PVC M.I.	01	MAT9340060	(4G1.5)C	10.0 7.5
TPE F	02	MAT9440060	(4G1.5)C	10.0 7.5
TPE H*	03	MAT9960613	(4G1.5)C	10.0 7.5


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\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Kollmorgen/Danaher Motion Motor cables</b>				
<b>Basic cable</b>				
				
<b>102807 (20m)</b>				
PVC M.I.	<b>01</b>	MAT9340061	(4G1.5)C	10.0 7.5
TPE F	<b>02</b>	MAT9440061	(4G1.5)C	10.0 7.5
TPE H*	<b>03</b>	MAT9960614	(4G1.5)C	10.0 7.5
<b>102808 (25m)</b>				
PVC M.I.	<b>01</b>	MAT9340062	(4G1.5)C	10.0 7.5
TPE F	<b>02</b>	MAT9440062	(4G1.5)C	10.0 7.5
TPE H*	<b>03</b>	MAT9960615	(4G1.5)C	10.0 7.5
<b>Basic cable</b>				
				
<b>107473 (5m)</b>				
PVC M.I.	<b>01</b>	MAT9340053	(4G1.5)C	10.0 7.5
TPE F	<b>02</b>	MAT9440053	(4G1.5)C	10.0 7.5
TPE H*	<b>03</b>	MAT9960606	(4G1.5)C	10.0 7.5
<b>107474 (10m)</b>				
PVC M.I.	<b>01</b>	MAT9340054	(4G1.5)C	10.0 7.5
TPE F	<b>02</b>	MAT9440054	(4G1.5)C	10.0 7.5
TPE H*	<b>03</b>	MAT9960607	(4G1.5)C	10.0 7.5
<b>107475 (15m)</b>				
PVC M.I.	<b>01</b>	MAT9340055	(4G1.5)C	10.0 7.5
TPE F	<b>02</b>	MAT9440055	(4G1.5)C	10.0 7.5
TPE H*	<b>03</b>	MAT9960608	(4G1.5)C	10.0 7.5
<b>107476 (20m)</b>				
PVC M.I.	<b>01</b>	MAT9340056	(4G1.5)C	10.0 7.5
TPE F	<b>02</b>	MAT9440056	(4G1.5)C	10.0 7.5
TPE H*	<b>03</b>	MAT9960609	(4G1.5)C	10.0 7.5
<b>107477 (25m)</b>				
PVC M.I.	<b>01</b>	MAT9340057	(4G1.5)C	10.0 7.5
TPE F	<b>02</b>	MAT9440057	(4G1.5)C	10.0 7.5
TPE H*	<b>03</b>	MAT9960610	(4G1.5)C	10.0 7.5
<b>Basic cable</b>				
				
<b>107485 (5m)</b>				
PVC M.I.	<b>01</b>	MAT9340002	(4G1.5)C	10.0 7.5
TPE F	<b>02</b>	MAT9440002	(4G1.5)C	10.0 7.5
TPE H*	<b>03</b>	MAT9960601	(4G1.5)C	10.0 7.5


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\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Kollmorgen/Danaher Motion Motor cables</b>				
<b>107486 (10m)</b>				
PVC M.I.	<b>01</b>	MAT9340049	(4G1.5)C	10.0 7.5
TPE F	<b>02</b>	MAT9440049	(4G1.5)C	10.0 7.5
TPE H*	<b>03</b>	MAT9960602	(4G1.5)C	10.0 7.5
<b>107487 (15m)</b>				
PVC M.I.	<b>01</b>	MAT9340050	(4G1.5)C	10.0 7.5
TPE F	<b>02</b>	MAT9440050	(4G1.5)C	10.0 7.5
TPE H*	<b>03</b>	MAT9960603	(4G1.5)C	10.0 7.5
<b>107488 (20m)</b>				
PVC M.I.	<b>01</b>	MAT9340051	(4G1.5)C	10.0 7.5
TPE F	<b>02</b>	MAT9440051	(4G1.5)C	10.0 7.5
TPE H*	<b>03</b>	MAT9960604	(4G1.5)C	10.0 7.5
<b>107489 (25m)</b>				
PVC M.I.	<b>01</b>	MAT9340052	(4G1.5)C	10.0 7.5
TPE F	<b>02</b>	MAT9440052	(4G1.5)C	10.0 7.5
TPE H*	<b>03</b>	MAT9960605	(4G1.5)C	10.0 7.5
<b>Basic cable</b>				
				
<b>200456 (5m)</b>				
PVC M.I.	<b>01</b>	MAT9340077	(4G1.5)C	10.0 7.5
TPE F	<b>02</b>	MAT9440077	(4G1.5)C	10.0 7.5
TPE H*	<b>03</b>	MAT9960631	(4G1.5)C	10.0 7.5
<b>200457 (10m)</b>				
PVC M.I.	<b>01</b>	MAT9340078	(4G1.5)C	10.0 7.5
TPE F	<b>02</b>	MAT9440078	(4G1.5)C	10.0 7.5
TPE H*	<b>03</b>	MAT9960632	(4G1.5)C	10.0 7.5
<b>200458 (15m)</b>				
PVC M.I.	<b>01</b>	MAT9340079	(4G1.5)C	10.0 7.5
TPE F	<b>02</b>	MAT9440079	(4G1.5)C	10.0 7.5
TPE H*	<b>03</b>	MAT9960633	(4G1.5)C	10.0 7.5
<b>200459 (20m)</b>				
PVC M.I.	<b>01</b>	MAT9340080	(4G1.5)C	10.0 7.5
TPE F	<b>02</b>	MAT9440080	(4G1.5)C	10.0 7.5
TPE H*	<b>03</b>	MAT9960634	(4G1.5)C	10.0 7.5
<b>200460 (25m)</b>				
PVC M.I.	<b>01</b>	MAT9340081	(4G1.5)C	10.0 7.5
TPE F	<b>02</b>	MAT9440081	(4G1.5)C	10.0 7.5
TPE H*	<b>03</b>	MAT9960635	(4G1.5)C	10.0 7.5
<b>200468 (5m)</b>				
PVC M.I.	<b>01</b>	MAT9340082	(4G2.5)C	11.5 7.5
TPE F	<b>02</b>	MAT9440082	(4G2.5)C	11.5 7.5
TPE H*	<b>03</b>	MAT9960636	(4G2.5)C	11.5 7.5


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\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Kollmorgen/Danaher Motion Motor cables</b>				
<b>Basic cable</b>				
				
<b>200469 (10m)</b>				
PVC M.I.	01	MAT9340083	(4G2.5)C	11.5 7.5
TPE F	02	MAT9440083	(4G2.5)C	11.5 7.5
TPE H*	03	MAT9960637	(4G2.5)C	11.5 7.5
<b>200470 (15m)</b>				
PVC M.I.	01	MAT9340084	(4G2.5)C	11.5 7.5
TPE F	02	MAT9440084	(4G2.5)C	11.5 7.5
TPE H*	03	MAT9960638	(4G2.5)C	11.5 7.5
<b>200471 (20m)</b>				
PVC M.I.	01	MAT9340085	(4G2.5)C	11.5 7.5
TPE F	02	MAT9440085	(4G2.5)C	11.5 7.5
TPE H*	03	MAT9960639	(4G2.5)C	11.5 7.5
<b>200472 (25m)</b>				
PVC M.I.	01	MAT9340086	(4G2.5)C	11.5 7.5
TPE F	02	MAT9440086	(4G2.5)C	11.5 7.5
TPE H*	03	MAT9960640	(4G2.5)C	11.5 7.5
<b>200618 (5m)</b>				
PVC M.I.	01	MAT9340087	(4G4.0)C	13.0 7.5
TPE F	02	MAT9440087	(4G4.0)C	13.0 7.5
TPE H*	03	MAT9960641	(4G4.0)C	13.0 7.5
<b>200619 (10m)</b>				
PVC M.I.	01	MAT9340088	(4G4.0)C	13.0 7.5
TPE F	02	MAT9440088	(4G4.0)C	13.0 7.5
TPE H*	03	MAT9960642	(4G4.0)C	13.0 7.5
<b>200620 (15m)</b>				
PVC M.I.	01	MAT9340089	(4G4.0)C	13.0 7.5
TPE F	02	MAT9440089	(4G4.0)C	13.0 7.5
TPE H*	03	MAT9960643	(4G4.0)C	13.0 7.5
<b>200621 (20m)</b>				
PVC M.I.	01	MAT9340090	(4G4.0)C	13.0 7.5
TPE F	02	MAT9440090	(4G4.0)C	13.0 7.5
TPE H*	03	MAT9960644	(4G4.0)C	13.0 7.5
<b>200622 (25m)</b>				
PVC M.I.	01	MAT9340091	(4G4.0)C	13.0 7.5
TPE F	02	MAT9440091	(4G4.0)C	13.0 7.5
TPE H*	03	MAT9960645	(4G4.0)C	13.0 7.5

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\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Kollmorgen/Danaher Motion Servo cables</b>				
<b>Basic cable</b>				
				
<b>89957 (5m)</b>				
PVC O.I.	04	MAT9750621	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9340024	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9850621	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9440024	(4G1.5+(2x1.5)C)	13.0 7.5
<b>89961 (10m)</b>				
PVC O.I.	04	MAT9750622	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9340025	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9850622	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9440025	(4G1.5+(2x1.5)C)	13.0 7.5
<b>89963 (15m)</b>				
PVC O.I.	04	MAT9750623	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9340026	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9850623	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9440026	(4G1.5+(2x1.5)C)	13.0 7.5
<b>89965 (20m)</b>				
PVC O.I.	04	MAT9750624	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9340027	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9850624	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9440027	(4G1.5+(2x1.5)C)	13.0 7.5
<b>89967 (25m)</b>				
PVC O.I.	04	MAT9750625	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9340028	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9850625	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9440028	(4G1.5+(2x1.5)C)	13.0 7.5
<b>89968 (5m)</b>				
PVC O.I.	04	MAT9750626	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9340029	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR O.I.	06	MAT9850626	(4G2.5+(2x1.5)C)C	14.0 10
PUR M.I.	07	MAT9440029	(4G2.5+(2x1.5)C)C	14.5 7.5
<b>89969 (25m)</b>				
PVC O.I.	04	MAT9750630	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9340033	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR O.I.	06	MAT9850630	(4G2.5+(2x1.5)C)C	14.0 10
PUR M.I.	07	MAT9440033	(4G2.5+(2x1.5)C)C	14.5 7.5
<b>89970 (10m)</b>				
PVC O.I.	04	MAT9750627	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9340030	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR O.I.	06	MAT9850627	(4G2.5+(2x1.5)C)C	14.0 10
PUR M.I.	07	MAT9440030	(4G2.5+(2x1.5)C)C	14.5 7.5

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\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915



\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Kollmorgen/Danaher Motion Servo cables</b>				
<b>Basic cable</b>				
<b>89971 (15m)</b>				
PVC O.I.	04	MAT9750628	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9340031	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR O.I.	06	MAT9850628	(4G2.5+(2x1.5)C)C	14.0 10
PUR M.I.	07	MAT9440031	(4G2.5+(2x1.5)C)C	14.5 7.5
<b>89972 (20m)</b>				
PVC O.I.	04	MAT9750629	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9340032	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR O.I.	06	MAT9850629	(4G2.5+(2x1.5)C)C	14.0 10
PUR M.I.	07	MAT9440032	(4G2.5+(2x1.5)C)C	14.5 7.5
<b>90088 (5m)</b>				
PVC O.I.	04	MAT9750616	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9340019	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9850616	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9440019	(4G1.5+(2x1.5)C)	13.0 7.5
<b>90089 (10m)</b>				
PVC O.I.	04	MAT9750617	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9340020	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9850617	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9440020	(4G1.5+(2x1.5)C)	13.0 7.5
<b>90090 (15m)</b>				
PVC O.I.	04	MAT9750618	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9340021	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9850618	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9440021	(4G1.5+(2x1.5)C)	13.0 7.5
<b>90091 (20m)</b>				
PVC O.I.	04	MAT9750619	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9340022	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9850619	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9440022	(4G1.5+(2x1.5)C)	13.0 7.5
<b>90092 (25m)</b>				
PVC O.I.	04	MAT9750620	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9340023	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9850620	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9440023	(4G1.5+(2x1.5)C)	13.0 7.5



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\* Cable qualities: **M.I** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Kollmorgen/Danaher Motion Servo cables</b>				
<b>Basic cable</b>				
<b>102579 (5m)</b>				
PVC O.I.	04	MAT9750611	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9340014	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9850611	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9440014	(4G1.5+(2x1.5)C)	13.0 7.5
<b>102580 (10m)</b>				
PVC O.I.	04	MAT9750612	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9340015	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9850612	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9440015	(4G1.5+(2x1.5)C)	13.0 7.5
<b>102809 (15m)</b>				
PVC O.I.	04	MAT9750613	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9340016	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9850613	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9440016	(4G1.5+(2x1.5)C)	13.0 7.5
<b>102810 (20m)</b>				
PVC O.I.	04	MAT9750614	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9340017	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9850614	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9440017	(4G1.5+(2x1.5)C)	13.0 7.5
<b>102811 (25m)</b>				
PVC O.I.	04	MAT9750615	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9340018	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9850615	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9440018	(4G1.5+(2x1.5)C)	13.0 7.5
<b>Basic cable</b>				
<b>107479 (5m)</b>				
PVC O.I.	04	MAT9750606	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9340009	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9850606	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9440009	(4G1.5+(2x1.5)C)	13.0 7.5
<b>107480 (10m)</b>				
PVC O.I.	04	MAT9750607	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9340010	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9850607	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9440010	(4G1.5+(2x1.5)C)	13.0 7.5



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\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Kollmorgen/Danaher Motion Servo cables</b>				
<b>Basic cable</b>				
<b>107481 (15m)</b>				
PVC O.I.	04	MAT9750608	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9340011	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9850608	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9440011	(4G1.5+(2x1.5)C)	13.0 7.5
<b>107482 (20m)</b>				
PVC O.I.	04	MAT9750609	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9340012	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9850609	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9440012	(4G1.5+(2x1.5)C)	13.0 7.5
<b>107483 (25m)</b>				
PVC O.I.	04	MAT9750610	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9340013	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9850610	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9440013	(4G1.5+(2x1.5)C)	13.0 7.5
<b>Basic cable</b>				
<b>107491 (5m)</b>				
PVC O.I.	04	MAT9750601	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9340001	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9850601	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9440001	(4G1.5+(2x1.5)C)	13.0 7.5
<b>107492 (10m)</b>				
PVC O.I.	04	MAT9750602	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9340005	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9850602	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9440005	(4G1.5+(2x1.5)C)	13.0 7.5
<b>107493 (15m)</b>				
PVC O.I.	04	MAT9750603	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9340006	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9850603	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9440006	(4G1.5+(2x1.5)C)	13.0 7.5
<b>107494 (20m)</b>				
PVC O.I.	04	MAT9750604	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9340007	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9850604	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9440007	(4G1.5+(2x1.5)C)	13.0 7.5



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\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Kollmorgen/Danaher Motion Servo cables</b>				
<b>107495 (25m)</b>				
PVC O.I.	04	MAT9750605	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9340008	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9850605	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9440008	(4G1.5+(2x1.5)C)	13.0 7.5
<b>Basic cable</b>				
<b>200462 (5m)</b>				
PVC O.I.	04	MAT9750631	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9340034	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9850631	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9440034	(4G1.5+(2x1.5)C)	13.0 7.5
<b>200463 (10m)</b>				
PVC O.I.	04	MAT9750632	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9340035	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9850632	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9440035	(4G1.5+(2x1.5)C)	13.0 7.5
<b>200464 (15m)</b>				
PVC O.I.	04	MAT9750633	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9340036	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9850633	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9440036	(4G1.5+(2x1.5)C)	13.0 7.5
<b>200465 (20m)</b>				
PVC O.I.	04	MAT9750634	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9340037	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9850634	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9440037	(4G1.5+(2x1.5)C)	13.0 7.5
<b>200466 (25m)</b>				
PVC O.I.	04	MAT9750635	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9340038	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9850635	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9440038	(4G1.5+(2x1.5)C)	13.0 7.5
<b>200474 (5m)</b>				
PVC O.I.	04	MAT9750636	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9340039	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR O.I.	06	MAT9850636	(4G2.5+(2x1.5)C)C	14.0 10
PUR M.I.	07	MAT9440039	(4G2.5+(2x1.5)C)C	14.5 7.5
<b>200475 (10m)</b>				
PVC O.I.	04	MAT9750637	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9340040	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR O.I.	06	MAT9850637	(4G2.5+(2x1.5)C)C	14.0 10
PUR M.I.	07	MAT9440040	(4G2.5+(2x1.5)C)C	14.5 7.5




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\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Kollmorgen/Danaher Motion Servo cables</b>				
<b>Basic cable</b>				
				
<b>200476 (15m)</b>				
PVC O.I.	04	MAT9750638	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9340041	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR O.I.	06	MAT9850638	(4G2.5+(2x1.5)C)C	14.0 10
PUR M.I.	07	MAT9440041	(4G2.5+(2x1.5)C)C	14.5 7.5
<b>200477 (20m)</b>				
PVC O.I.	04	MAT9750639	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9340042	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR O.I.	06	MAT9850639	(4G2.5+(2x1.5)C)C	14.0 10
PUR M.I.	07	MAT9440042	(4G2.5+(2x1.5)C)C	14.5 7.5
<b>200478 (25m)</b>				
PVC O.I.	04	MAT9750640	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9340043	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR O.I.	06	MAT9850640	(4G2.5+(2x1.5)C)C	14.0 10
PUR M.I.	07	MAT9440043	(4G2.5+(2x1.5)C)C	14.5 7.5
<b>200623 (5m)</b>				
PVC O.I.	04	MAT9750641	(4G4.0+(2x1.5)C)C	15.0 10
PVC M.I.	05	MAT9340044	(4G4.0+(2x1.5)C)C	16.0 7.5
PUR O.I.	06	MAT9850641	(4G4.0+(2x1.5)C)C	15.0 10
PUR M.I.	07	MAT9440044	(4G4.0+(2x1.5)C)C	16.0 7.5
<b>200624 (10m)</b>				
PVC O.I.	04	MAT9750642	(4G4.0+(2x1.5)C)C	15.0 10
PVC M.I.	05	MAT9340045	(4G4.0+(2x1.5)C)C	16.0 7.5
PUR O.I.	06	MAT9850642	(4G4.0+(2x1.5)C)C	15.0 10
PUR M.I.	07	MAT9440045	(4G4.0+(2x1.5)C)C	16.0 7.5
<b>200625 (15m)</b>				
PVC O.I.	04	MAT9750643	(4G4.0+(2x1.5)C)C	15.0 10
PVC M.I.	05	MAT9340046	(4G4.0+(2x1.5)C)C	16.0 7.5
PUR O.I.	06	MAT9850643	(4G4.0+(2x1.5)C)C	15.0 10
PUR M.I.	07	MAT9440046	(4G4.0+(2x1.5)C)C	16.0 7.5
<b>200626 (20m)</b>				
PVC O.I.	04	MAT9750644	(4G4.0+(2x1.5)C)C	15.0 10
PVC M.I.	05	MAT9340047	(4G4.0+(2x1.5)C)C	16.0 7.5
PUR O.I.	06	MAT9850644	(4G4.0+(2x1.5)C)C	15.0 10
PUR M.I.	07	MAT9440047	(4G4.0+(2x1.5)C)C	16.0 7.5
<b>200627 (25m)</b>				
PVC O.I.	04	MAT9750645	(4G4.0+(2x1.5)C)C	15.0 10
PVC M.I.	05	MAT9340048	(4G4.0+(2x1.5)C)C	16.0 7.5
PUR O.I.	06	MAT9850645	(4G4.0+(2x1.5)C)C	15.0 10
PUR M.I.	07	MAT9440048	(4G4.0+(2x1.5)C)C	16.0 7.5

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\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Kollmorgen/Danaher Motion Signal cables</b>				
<b>Basic cable</b>				
				
<b>107915 (5m)</b>				
PVC	14	MAT9320004	(8x(2x0.25))C	10.5 7.5
TPE H*	16	MAT9330004	(8x(2x0.34))C	13.0 6.8
<b>107916 (10m)</b>				
PVC	14	MAT9320017	(8x(2x0.25))C	10.5 7.5
TPE H*	16	MAT9330017	(8x(2x0.34))C	13.0 6.8
<b>107917 (15m)</b>				
PVC	14	MAT9320018	(8x(2x0.25))C	10.5 7.5
TPE H*	16	MAT9330018	(8x(2x0.34))C	13.0 6.8
<b>107918 (20m)</b>				
PVC	14	MAT9320019	(8x(2x0.25))C	10.5 7.5
TPE H*	16	MAT9330019	(8x(2x0.34))C	13.0 6.8
<b>107919 (25m)</b>				
PVC	14	MAT9320020	(8x(2x0.25))C	10.5 7.5
TPE H*	16	MAT9330020	(8x(2x0.34))C	13.0 6.8
<b>84972 (5m)</b>				
PVC	14	MAT9320001	(4x(2x0.25))C	7.5 7.5
PUR	15	MAT9840601	(4x(2x0.25))C	7.5 7.5
TPE H*	16	MAT9330001	(4x(2x0.25))C	8.5 6.8
<b>84973 (10m)</b>				
PVC	14	MAT9320009	(4x(2x0.25))C	7.5 7.5
PUR	15	MAT9840602	(4x(2x0.25))C	7.5 7.5
TPE H*	16	MAT9330009	(4x(2x0.25))C	8.5 6.8
<b>84974 (15m)</b>				
PVC	14	MAT9320010	(4x(2x0.25))C	7.5 7.5
PUR	15	MAT9840603	(4x(2x0.25))C	7.5 7.5
TPE H*	16	MAT9330010	(4x(2x0.25))C	8.5 6.8
<b>84975 (20m)</b>				
PVC	14	MAT9320011	(4x(2x0.25))C	7.5 7.5
PUR	15	MAT9840604	(4x(2x0.25))C	7.5 7.5
TPE H*	16	MAT9330011	(4x(2x0.25))C	8.5 6.8
<b>87655 (25m)</b>				
PVC	14	MAT9320012	(4x(2x0.25))C	7.5 7.5
PUR	15	MAT9840605	(4x(2x0.25))C	7.5 7.5
TPE H*	16	MAT9330012	(4x(2x0.25))C	8.5 6.8
<b>90287 (5m)</b>				
PVC	14	MAT9320002	(8x(2x0.25))C	10.5 7.5
TPE H*	16	MAT9330002	(8x(2x0.34))C	13.0 6.8
<b>91019 (10m)</b>				
PVC	14	MAT9320013	(8x(2x0.25))C	10.5 7.5
TPE H*	16	MAT9330013	(8x(2x0.34))C	13.0 6.8

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\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality		Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Kollmorgen/Danaher Motion Signal cables</b>					
<b>Basic cable</b>					
<b>91807 (20m)</b>					
PVC	14	MAT9320015	(8x(2x0.25))C	10.5	7.5
TPE H*	16	MAT9330015	(8x(2x0.34))C	13.0	6.8
<b>91811 (15m)</b>					
PVC	14	MAT9320014	(8x(2x0.25))C	10.5	7.5
TPE H*	16	MAT9330014	(8x(2x0.34))C	13.0	6.8
<b>92205 (25m)</b>					
PVC	14	MAT9320016	(8x(2x0.25))C	10.5	7.5
TPE H*	16	MAT9330016	(8x(2x0.34))C	13.0	6.8
<b>Basic cable</b>					
<b>85034 (5m)</b>					
PVC	14	MAT9320007	(6x(2x0.25))C	9.0	7.5
PUR	15	MAT9840606	(6x(2x0.25))C	9.0	7.5
TPE H*	16	MAT9330007	(6x(2x0.25))C	10.0	6.8
<b>85035 (10m)</b>					
PVC	14	MAT9320021	(6x(2x0.25))C	9.0	7.5
PUR	15	MAT9840607	(6x(2x0.25))C	9.0	7.5
TPE H*	16	MAT9330021	(6x(2x0.25))C	10.0	6.8
<b>85036 (15m)</b>					
PVC	14	MAT9320022	(6x(2x0.25))C	9.0	7.5
PUR	15	MAT9840608	(6x(2x0.25))C	9.0	7.5
TPE H*	16	MAT9330022	(6x(2x0.25))C	10.0	6.8
<b>85037 (20m)</b>					
PVC	14	MAT9320023	(6x(2x0.25))C	9.0	7.5
PUR	15	MAT9840609	(6x(2x0.25))C	9.0	7.5
TPE H*	16	MAT9330023	(6x(2x0.25))C	10.0	6.8



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\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality		Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Kollmorgen/Danaher Motion Signal cables</b>					
<b>Basic cable</b>					
<b>85039 (5m)</b>					
PVC	14	MAT9320008	(6x(2x0.25))C	9.0	7.5
PUR	15	MAT9840610	(6x(2x0.25))C	9.0	7.5
TPE H*	16	MAT9330008	(6x(2x0.25))C	10.0	6.8
<b>85040 (10m)</b>					
PVC	14	MAT9320024	(6x(2x0.25))C	9.0	7.5
PUR	15	MAT9840611	(6x(2x0.25))C	9.0	7.5
TPE H*	16	MAT9330024	(6x(2x0.25))C	10.0	6.8
<b>85041 (15m)</b>					
PVC	14	MAT9320025	(6x(2x0.25))C	9.0	7.5
PUR	15	MAT9840612	(6x(2x0.25))C	9.0	7.5
TPE H*	16	MAT9330025	(6x(2x0.25))C	10.0	6.8
<b>85042 (20m)</b>					
PVC	14	MAT9320026	(6x(2x0.25))C	9.0	7.5
PUR	15	MAT9840613	(6x(2x0.25))C	9.0	7.5
TPE H*	16	MAT9330026	(6x(2x0.25))C	10.0	6.8



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# Harnessed drive cables | Lenze

## PVC/PUR

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Lenze Servo cables</b>				
<b>Basic cable</b>				
<b>EWLMxxxGMS-015C</b>				
PVC O.I.	04	MAT9751101	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9130001	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9851101	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9120001	(4G1.5+(2x1.5)C)	13.0 7.5
<b>EWLMxxxGMS-025</b>				
PVC O.I.	04	MAT9751102	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9130002	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR O.I.	06	MAT9851102	(4G2.5+(2x1.5)C)C	14.0 10
PUR M.I.	07	MAT9120002	(4G2.5+(2x1.5)C)C	14.5 7.5
<b>EWLMxxxGMS-040I</b>				
PVC O.I.	04	MAT9751130	(4G4.0+(2x1.5)C)C	15.0 10
PVC M.I.	05	MAT9751129	(4G4.0+(2x1.5)C)C	16.0 7.5
PUR O.I.	06	MAT9851130	(4G4.0+(2x1.5)C)C	15.0 10
PUR M.I.	07	MAT9851129	(4G4.0+(2x1.5)C)C	16.0 7.5
<b>EYP0010AxxxxA00P01</b>				
PVC O.I.	04	MAT9751116	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9130063	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9851118	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9120063	(4G1.5+(2x1.5)C)	13.0 7.5
<b>EYP0010AxxxxM01A00</b>				
PVC O.I.	04	MAT9751107	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9130050	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9851105	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9120050	(4G1.5+(2x1.5)C)	13.0 7.5
<b>EYP0011AxxxxA00P01</b>				
PVC O.I.	04	MAT9751117	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9130064	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9851119	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9120064	(4G1.5+(2x1.5)C)	13.0 7.5
<b>EYP0011AxxxxM01A00</b>				
PVC O.I.	04	MAT9751108	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9130051	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9851106	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9120051	(4G1.5+(2x1.5)C)	13.0 7.5
<b>EYP0012AxxxxA00P01</b>				
PVC O.I.	04	MAT9751118	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9130065	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR O.I.	06	MAT9851120	(4G2.5+(2x1.5)C)C	14.0 10
PUR M.I.	07	MAT9120065	(4G2.5+(2x1.5)C)C	14.5 7.5

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# Harnessed drive cables | Lenze

## PVC/PUR

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Lenze Servo cables</b>				
<b>EYP0012AxxxxA00P02</b>				
PVC O.I.	04	MAT9751113	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9130058	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR O.I.	06	MAT9851113	(4G2.5+(2x1.5)C)C	14.0 10
PUR M.I.	07	MAT9120058	(4G2.5+(2x1.5)C)C	14.5 7.5
<b>EYP0012AxxxxM01A00</b>				
PVC O.I.	04	MAT9751109	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9130052	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR O.I.	06	MAT9851107	(4G2.5+(2x1.5)C)C	14.0 10
PUR M.I.	07	MAT9120052	(4G2.5+(2x1.5)C)C	14.5 7.5
<b>EYP0012AxxxxM02A00</b>				
PVC O.I.	04	MAT9751110	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9130053	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR O.I.	06	MAT9851108	(4G2.5+(2x1.5)C)C	14.0 10
PUR M.I.	07	MAT9120053	(4G2.5+(2x1.5)C)C	14.5 7.5
<b>EYP0013AxxxxA00P02</b>				
PVC O.I.	04	MAT9751114	(4G4.0+(2x1.5)C)C	15.0 10
PVC M.I.	05	MAT9130059	(4G4.0+(2x1.5)C)C	16.0 7.5
PUR O.I.	06	MAT9851114	(4G4.0+(2x1.5)C)C	15.0 10
PUR M.I.	07	MAT9120059	(4G4.0+(2x1.5)C)C	16.0 7.5
<b>EYP0013AxxxxM02A00</b>				
PVC O.I.	04	MAT9751111	(4G4.0+(2x1.5)C)C	15.0 10
PVC M.I.	05	MAT9130054	(4G4.0+(2x1.5)C)C	16.0 7.5
PUR O.I.	06	MAT9851109	(4G4.0+(2x1.5)C)C	15.0 10
PUR M.I.	07	MAT9120054	(4G4.0+(2x1.5)C)C	16.0 7.5
<b>EYP0014AxxxxA00P03</b>				
PVC O.I.	04	MAT9751115	(4G6.0+(2x1.5)C)C	16.5 10
PVC M.I.	05	MAT9130060	(4G6.0+(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9851115	(4G6.0+(2x1.5)C)C	16.5 10
PUR M.I.	07	MAT9120060	(4G6.0+(2x1.5)C)C	17.5 7.5
<b>EYP0014AxxxxM03A00</b>				
PVC O.I.	04	MAT9751112	(4G6.0+(2x1.5)C)C	16.5 10
PVC M.I.	05	MAT9130055	(4G6.0+(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9851110	(4G6.0+(2x1.5)C)C	18.0 7.5
PUR M.I.	07	MAT9120055	(4G6.0+(2x1.5)C)C	17.5 7.5
<b>EYP0015AxxxxA00P03</b>				
PVC M.I.	05	MAT9130061	(4G10+(2x1.5)C)C	21.5 7.5
PUR O.I.	06	MAT9851116	(4G10+(2x1.5)C)C	21.0 10
PUR M.I.	07	MAT9120061	(4G10+(2x1.5)C)C	21.0 7.5
<b>EYP0015AxxxxM03A00</b>				
PVC M.I.	05	MAT9130056	(4G10+(2x1.5)C)C	21.5 7.5
PUR O.I.	06	MAT9851111	(4G10+(2x1.5)C)C	21.0 10
PUR M.I.	07	MAT9120056	(4G10+(2x1.5)C)C	21.0 7.5

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\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

# Harnessed drive cables | Lenze

## PVC/PUR

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Lenze Servo cables</b>				
<b>Basic cable</b>				
<b>EYP0016AxxxxA00P03</b>				
PVC M.I.	05	MAT9130062	(4G16+(2x1.5)C)C	25.0 7.5
PUR O.I.	06	MAT9851117	(4G16+(2x1.5)C)C	24.0 10
PUR M.I.	07	MAT9120062	(4G16+(2x1.5)C)C	24.0 7.5
<b>EYP0016AxxxxM03A00</b>				
PVC M.I.	05	MAT9130057	(4G16+(2x1.5)C)C	25.0 7.5
PUR O.I.	06	MAT9851112	(4G16+(2x1.5)C)C	24.0 10
PUR M.I.	07	MAT9120057	(4G16+(2x1.5)C)C	24.0 7.5
<b>Linking cable</b>				
<b>EWLMxxxZM-015C</b>				
PVC O.I.	04	MAT9751103	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9130006	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9851103	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9120006	(4G1.5+(2x1.5)C)	13.0 7.5
<b>EWLMxxxZM-025</b>				
PVC O.I.	04	MAT9751104	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9130007	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR O.I.	06	MAT9851104	(4G2.5+(2x1.5)C)C	14.0 10
PUR M.I.	07	MAT9120007	(4G2.5+(2x1.5)C)C	14.5 7.5
<b>EYP0010VxxxxM01P01</b>				
PVC O.I.	04	MAT9751122	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9130071	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9851126	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9120071	(4G1.5+(2x1.5)C)	13.0 7.5
<b>EYP0011VxxxxM01P01</b>				
PVC O.I.	04	MAT9751123	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9130072	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9851127	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9120072	(4G1.5+(2x1.5)C)	13.0 7.5
<b>EYP0012VxxxxM01P01</b>				
PVC O.I.	04	MAT9751124	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9130073	(4G4.0+(2x1.5)C)C	16.0 7.5
PUR O.I.	06	MAT9851128	(4G2.5+(2x1.5)C)C	14.0 10
PUR M.I.	07	MAT9120073	(4G2.5+(2x1.5)C)C	14.5 7.5
<b>EYP0012VxxxxM02P02</b>				
PVC O.I.	04	MAT9751119	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9130066	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR O.I.	06	MAT9851121	(4G2.5+(2x1.5)C)C	14.0 10
PUR M.I.	07	MAT9120066	(4G2.5+(2x1.5)C)C	14.5 7.5

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\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

# Harnessed drive cables | Lenze

## PVC/PUR/TPE

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Lenze Servo cables</b>				
<b>EYP0013VxxxxM02P02</b>				
PVC O.I.	04	MAT9751120	(4G4.0+(2x1.5)C)C	15.0 10
PVC M.I.	05	MAT9130067	(4G4.0+(2x1.5)C)C	16.0 7.5
PUR O.I.	06	MAT9851122	(4G4.0+(2x1.5)C)C	15.0 10
PUR M.I.	07	MAT9120067	(4G4.0+(2x1.5)C)C	16.0 7.5
<b>EYP0014VxxxxM03P03</b>				
PVC O.I.	04	MAT9751121	(4G6.0+(2x1.5)C)C	16.5 10
PVC M.I.	05	MAT9130068	(4G6.0+(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9851123	(4G6.0+(2x1.5)C)C	16.5 10
PUR M.I.	07	MAT9120068	(4G6.0+(2x1.5)C)C	17.5 7.5
<b>EYP0015VxxxxM03P03</b>				
PVC M.I.	05	MAT9130069	(4G10+(2x1.5)C)C	21.5 7.5
PUR O.I.	06	MAT9851124	(4G10+(2x1.5)C)C	21.0 10
PUR M.I.	07	MAT9120069	(4G10+(2x1.5)C)C	21.0 7.5
<b>EYP0016VxxxxM03P03</b>				
PVC M.I.	05	MAT9130070	(4G16+(2x1.5)C)C	25.0 7.5
PUR O.I.	06	MAT9851125	(4G16+(2x1.5)C)C	24.0 10
PUR M.I.	07	MAT9120070	(4G16+(2x1.5)C)C	24.0 7.5

### Lenze Fan cables

#### Basic cable

<b>EWLLxxxGMS</b>				
PVC	17	MAT9761101	3G1.0	6.5 7.5
PVC OIL	19	MAT9130031	3G1.0	6.5 6.8
TPE H*	23	MAT9120031	3G1.0	6.0 5
TPE F	25	MAT9961101	3G1.0	6.5 5
<b>EYL002AxxxxL01A00</b>				
PVC OIL	19	MAT9130040	5G1.0	8.0 6.8
TPE H*	23	MAT9120040	5G1.0	7.5 5
<b>EYL002AxxxxL02A00</b>				
PVC OIL	19	MAT9130041	5G1.0	8.0 6.8
TPE H*	23	MAT9120041	5G1.0	7.5 5

#### Linking cable

<b>EWLLxxxZM</b>				
PVC	17	MAT9761102	3G1.0	6.5 7.5
PVC OIL	19	MAT9130032	3G1.0	6.5 6.8
TPE H*	23	MAT9120032	3G1.0	6.0 5
TPE F	25	MAT9961102	3G1.0	6.5 5
<b>EYL002VxxxxL01J01</b>				
PVC OIL	19	MAT9130044	5G1.0	8.0 6.8
TPE H*	23	MAT9120044	5G1.0	7.5 5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.

igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core

\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

# Harnessed drive cables | Lenze

## PVC/PUR/TPE

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
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### Lenze Fan cables

#### Linking cable



#### EYL002VxxxxL02J02

PVC OIL	19	MAT9130045	5G1.0	8.0	6.8
TPE H*	23	MAT9120045	5G1.0	7.5	5

#### Extension cable



#### EYL002VxxxxA00J01

PVC OIL	19	MAT9130042	5G1.0	8.0	6.8
TPE H*	23	MAT9120042	5G1.0	7.5	5

#### EYL002VxxxxA00J02

PVC OIL	19	MAT9130043	5G1.0	8.0	6.8
PUR	21	MAT9861110	5G1.0	8.0	6.8
TPE H*	23	MAT9120043	5G1.0	7.5	5
TPE F	25	MAT9961106	5G1.0	9.0	5

### Lenze Decoder cables

#### Linking cable



#### EYD0017AxxxxW01S01

PVC	08	MAT9130100	3x(2x0.14)C+(3x0.14)C	8.0	10
PUR M.I.	10	MAT9841107	3x(2x0.14)C+(3x0.14)C	8.5	7.5
TPE H*	11	MAT9120100	3x(2x0.14)C+(3x0.14)C	8.0	6.8

#### EYD0017AxxxxW01S02

PVC	08	MAT9130101	3x(2x0.14)C+(3x0.14)C	8.0	10
PUR M.I.	10	MAT9841108	3x(2x0.14)C+(3x0.14)C	8.5	7.5
TPE H*	11	MAT9120101	3x(2x0.14)C+(3x0.14)C	8.0	6.8

#### EYD0017AxxxxW03S01

PVC	08	MAT9130102	3x(2x0.14)C+(3x0.14)C	8.0	10
PUR M.I.	10	MAT9841109	3x(2x0.14)C+(3x0.14)C	8.5	7.5
TPE H*	11	MAT9120102	3x(2x0.14)C+(3x0.14)C	8.0	6.8

#### EYD0017AxxxxW03S02

PVC	08	MAT9130103	3x(2x0.14)C+(3x0.14)C	8.0	10
PUR M.I.	10	MAT9841110	3x(2x0.14)C+(3x0.14)C	8.5	7.5
TPE H*	11	MAT9120103	3x(2x0.14)C+(3x0.14)C	8.0	6.8

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.  
igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

# Harnessed drive cables | Lenze

## PVC/PUR/TPE

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
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### Lenze Encoder cables

#### Basic cable



#### EWLExxxGM-T

PVC	08	MAT9130026	(4x(2x0.25)+2x1.0)C	8.5	10
PUR M.I.	10	MAT9841104	(4x(2x0.25)+2x1.0)C	9.0	7.5
TPE H*	11	MAT9120026	(4x(2x0.25)+2x1.0)C	9.0	6.8

#### Linking cable



#### EWLExxxZMST

PVC	08	MAT9130027	(4x(2x0.25)+2x1.0)C	8.5	10
PUR M.I.	10	MAT9841105	(4x(2x0.25)+2x1.0)C	9.0	7.5
TPE H*	11	MAT9120027	(4x(2x0.25)+2x1.0)C	9.0	6.8

#### Terminal box connection cable



#### EWLExxxGX-T

PVC	08	MAT9130028	(4x(2x0.25)+2x1.0)C	8.5	10
PUR M.I.	10	MAT9841106	(4x(2x0.25)+2x1.0)C	9.0	7.5
TPE H*	11	MAT9120028	(4x(2x0.25)+2x1.0)C	9.0	6.8

### Lenze Feedback cables

#### Basic cable



#### EYF0017AxxxxA00W02

PUR M.I.	10	MAT9121091	4x(2x0.14)C+2x(1.0)C	9.5	7.5
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#### Basic cable



#### EYF0018AxxxxA00S03

PVC	08	MAT9130095	4x(2x0.14)C+2x(1.0)C	9.5	10
PUR M.I.	10	MAT9121095	4x(2x0.14)C+2x(1.0)C	9.5	7.5
TPE H*	11	MAT9120095	4x(2x0.14)C+2x(1.0)C	9.5	6.8

#### Basic cable



#### EYF0018AxxxxA00W02

PVC	08	MAT9130091	4x(2x0.14)C+2x(1.0)C	9.5	10
TPE H*	11	MAT9120091	4x(2x0.14)C+2x(1.0)C	9.5	6.8

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.  
igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

# Harnessed drive cables | Lenze

## PVC/PUR/TPE

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
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### Lenze Feedback cables

#### Basic cable



#### EYF0018AxxxxF02S03

PVC	<b>08</b>	MAT9130088	4x(2x0.14)C+2x(1.0)C	9.5	10
TPE H*	<b>11</b>	MAT9120088	4x(2x0.14)C+2x(1.0)C	9.5	6.8

#### Basic cable



#### EYF0018AxxxxF02W02

PVC	<b>08</b>	MAT9130087	4x(2x0.14)C+2x(1.0)C	9.5	10
PUR M.I.	<b>10</b>	MAT9121087	4x(2x0.14)C+2x(1.0)C	9.5	7.5
TPE H*	<b>11</b>	MAT9120087	4x(2x0.14)C+2x(1.0)C	9.5	6.8

#### Basic cable



#### EYF0019AxxxxF02S03

PUR M.I.	<b>10</b>	MAT9121088	4x(2x0.14)C+2x(1.0)C	9.5	7.5
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#### Basic cable



#### EYF0020AxxxxA00S04

PVC	<b>08</b>	MAT9130092	3x(2x0.14)C+(3x0.14)C	8.0	10
PUR M.I.	<b>10</b>	MAT9121092	3x(2x0.14)C+(3x0.14)C	8.5	7.5
TPE H*	<b>11</b>	MAT9120092	3x(2x0.14)C+(3x0.14)C	8.0	6.8

#### Basic cable



#### EYF0020AxxxxA00S05

PVC	<b>08</b>	MAT9130093	3x(2x0.14)C+(3x0.14)C	8.0	10
PUR M.I.	<b>10</b>	MAT9121093	3x(2x0.14)C+(3x0.14)C	8.5	7.5
TPE H*	<b>11</b>	MAT9120093	3x(2x0.14)C+(3x0.14)C	8.0	6.8

#### Basic cable



#### EYF0020AxxxxF01S04

PVC	<b>08</b>	MAT9130089	3x(2x0.14)C+(3x0.14)C	8.0	10
PUR M.I.	<b>10</b>	MAT9121089	3x(2x0.14)C+(3x0.14)C	8.5	7.5
TPE H*	<b>11</b>	MAT9120089	3x(2x0.14)C+(3x0.14)C	8.0	6.8

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.  
igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

# Harnessed drive cables | Lenze

## PVC/PUR/TPE

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
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### Lenze Feedback cables

#### Basic cable



#### EYF0020AxxxxF01S05

PVC	<b>08</b>	MAT9130090	3x(2x0.14)C+(3x0.14)C	8.0	10
PUR M.I.	<b>10</b>	MAT9121090	3x(2x0.14)C+(3x0.14)C	8.5	7.5
TPE H*	<b>11</b>	MAT9120090	3x(2x0.14)C+(3x0.14)C	8.0	6.8

#### Basic cable



#### EYF0021AxxxxA00S03

PUR M.I.	<b>10</b>	MAT9121094	3x(2x0.14)C+(4x0.14)C+2x(2x0.5)C	11.5	7.5
TPE H*	<b>11</b>	MAT9120094	3x(2x0.14)C+(4x0.14)C+2x(2x0.5)C	11.0	6.8

#### Basic cable



#### EYF0021AxxxxF03S03

PUR M.I.	<b>10</b>	MAT9121086	3x(2x0.14)C+(4x0.14)C+2x(2x0.5)C	11.5	7.5
TPE H*	<b>11</b>	MAT9120086	3x(2x0.14)C+(4x0.14)C+2x(2x0.5)C	11.0	6.8

#### EYF0021AxxxxF07S03

PUR M.I.	<b>10</b>	MAT9841111	3x(2x0.14)C+(4x0.14)C+2x(2x0.5)C	11.5	7.5
TPE H*	<b>11</b>	MAT9941111	3x(2x0.14)C+(4x0.14)C+2x(2x0.5)C	11.0	6.8

#### Linking cable



#### EYF0019VxxxxF02G02

PVC	<b>08</b>	MAT9130084	4x(2x0.14)C+2x(1.0)C	9.5	10
PUR M.I.	<b>10</b>	MAT9121084	4x(2x0.14)C+2x(1.0)C	9.5	7.5
TPE H*	<b>11</b>	MAT9120084	4x(2x0.14)C+2x(1.0)C	9.5	6.8

#### EYF0019VxxxxF06G07

PUR M.I.	<b>10</b>	MAT9121096	4x(2x0.14)C+2x(1.0)C	9.5	7.5
TPE H*	<b>11</b>	MAT9120096	4x(2x0.14)C+2x(1.0)C	9.5	6.8

#### EYF0020VxxxxF01G01

PVC	<b>08</b>	MAT9130083	3x(2x0.14)C+(3x0.14)C	8.0	10
PUR M.I.	<b>10</b>	MAT9121083	3x(2x0.14)C+(3x0.14)C	8.5	7.5
TPE H*	<b>11</b>	MAT9120083	3x(2x0.14)C+(3x0.14)C	8.0	6.8

#### Linking cable



#### EYF0022VxxxxF03G03

PUR M.I.	<b>10</b>	MAT9121085	3x(2x0.14)C+(4x0.14)C+2x(2x0.5)C	11.5	7.5
TPE H*	<b>11</b>	MAT9120085	3x(2x0.14)C+(4x0.14)C+2x(2x0.5)C	11.0	6.8

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.  
igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915



# Harnessed drive cables | Lenze

## PVC/PUR/TPE

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
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### Lenze Feedback cables

#### Extension cable



#### EYF0019VxxxxA00G02

PVC	08	MAT9130081	4x(2x0.14)C+2x(1.0)C	9.5	10
PUR M.I.	10	MAT9121081	4x(2x0.14)C+2x(1.0)C	9.5	7.5
TPE H*	11	MAT9120081	4x(2x0.14)C+2x(1.0)C	9.5	6.8

#### EYF0020VxxxxA00G01

PVC	08	MAT9130080	3x(2x0.14)C+(3x0.14)C	8.0	10
PUR M.I.	10	MAT9121080	3x(2x0.14)C+(3x0.14)C	8.5	7.5
TPE H*	11	MAT9120080	3x(2x0.14)C+(3x0.14)C	8.0	6.8

#### EYF0022VxxxxA00G03

PUR M.I.	10	MAT9121082	3x(2x0.14)C+(4x0.14)C+2x(2x0.5)C	11.5	7.5
TPE H*	11	MAT9120082	3x(2x0.14)C+(4x0.14)C+2x(2x0.5)C	11.0	6.8

### Lenze Resolver cables

#### Basic cable



#### EWLRxxxGM-T

PVC	08	MAT9130021	(3x(2x0.14)C+2x(0.5)C)C	9.5	10
PUR M.I.	10	MAT9841101	(3x(2x0.14)C+(2x0.5)C)C	10.0	7.5
TPE H*	11	MAT9120021	(3x(2x0.14)C+(2x0.5)C)C	10.0	6.8

#### Linking cable



#### EWLRxxxZMST

PVC	08	MAT9130022	(3x(2x0.14)C+2x(0.5)C)C	9.5	10
PUR M.I.	10	MAT9841102	(3x(2x0.14)C+(2x0.5)C)C	10.0	7.5
TPE H*	11	MAT9120022	(3x(2x0.14)C+(2x0.5)C)C	10.0	6.8

#### Terminal box connection cable



#### EWLRxxxGX-T

PVC	08	MAT9130023	(3x(2x0.14)C+2x(0.5)C)C	9.5	10
PUR M.I.	10	MAT9841103	(3x(2x0.14)C+(2x0.5)C)C	10.0	7.5
TPE H*	11	MAT9120023	(3x(2x0.14)C+(2x0.5)C)C	10.0	6.8

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.  
igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

# Harnessed drive cables | LinMot

## PVC/PUR

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
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### LinMot Motor cables

#### Basic cable



#### P10-70x...-D01/D02-MS

PVC M.I.	01	MAT9762401	(4G1.5)C	10.0	7.5
PUR O.I.	06	MAT9862401	(4G1.5)C	10.0	10
PUR M.I.	07	MAT9862402	(4G1.5)C	11.0	7.5

### LinMot Servo cables

#### Basic cable



#### P10-70x...-D03-MS

PVC O.I.	04	MAT9752401	(4G1.5+(2x1.5)C)	12.5	10
PVC M.I.	05	MAT9752402	(4G1.5+(2x1.5)C)	13.0	7.5
PUR O.I.	06	MAT9852402	(4G1.5+(2x1.5)C)	12.5	10
PUR M.I.	07	MAT9852401	(4G1.5+(2x1.5)C)	13.0	7.5

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.  
igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
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### LTI DRIVES Servo cables

#### Basic cable



#### KM3-KSxxx

PVC O.I.	04	MAT9020004	(4G1.5+2x(2x0.75)C)C	13.5	10
PVC M.I.	05	MAT9020003	(4G1.5+2x(2x0.75)C)C	14.5	7.5
PUR O.I.	06	MAT9020002	(4G1.5+2x(2x0.75)C)C	13.5	10
PUR M.I.	07	MAT9020001	(4G1.5+2x(2x0.75)C)C	14.5	7.5
<b>KM3-KSxxx-24A</b>					
PVC O.I.	04	MAT9020014	(4G2.5+2x(2x1.5)C)C	16.0	10
PVC M.I.	05	MAT9020013	(4G2.5+2x(2x1.5)C)C	17.0	7.5
PUR O.I.	06	MAT9020012	(4G2.5+2x(2x1.5)C)C	16.0	10
PUR M.I.	07	MAT9020011	(4G2.5+2x(2x1.5)C)C	16.0	7.5

#### Basic cable



#### KM3-KSxxx-63A

PVC M.I.	05	MAT9020023	(4G10+2x(2x1.5)C)C	23.0	7.5
PUR O.I.	06	MAT9020022	(4G10+2x(2x1.5)C)C	22.5	10
PUR M.I.	07	MAT9020021	(4G10+2x(2x1.5)C)C	22.5	7.5

#### Extension cable



#### KM3-KSxxx (ext.)

PVC O.I.	04	MAT9022004	(4G1.5+2x(2x0.75)C)C	13.5	10
PUR O.I.	06	MAT9022002	(4G1.5+2x(2x0.75)C)C	13.5	10
PUR M.I.	07	MAT9022001	(4G1.5+2x(2x0.75)C)C	14.5	7.5

#### KM3-KSxxx (ext.)

PVC M.I.	05	MAT9022003	(4G1.5+2x(2x0.75)C)C	14.5	7.5
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#### KM3-KSxxx-24A (ext.)

PVC O.I.	04	MAT9022014	(4G2.5+2x(2x1.5)C)C	16.0	10
PVC M.I.	05	MAT9022013	(4G2.5+2x(2x1.5)C)C	17.0	7.5
PUR O.I.	06	MAT9022012	(4G2.5+2x(2x1.5)C)C	16.0	10
PUR M.I.	07	MAT9022011	(4G2.5+2x(2x1.5)C)C	16.0	7.5

#### Extension cable



#### KM3-KSxxx-63A (ext.)

PVC M.I.	05	MAT9022023	(4G10+2x(2x1.5)C)C	23.0	7.5
PUR M.I.	07	MAT9022021	(4G10+2x(2x1.5)C)C	22.5	7.5

#### KM3-KSxxx-63A (ext.)

PUR O.I.	06	MAT9022022	(4G10+2x(2x1.5)C)C	22.5	10
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**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.  
igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
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### LTI DRIVES Encoder cables

#### Basic cable



#### KGH2-KSxxx

PVC	08	MAT9021004	(4x(2x0.25)+2x1.0)C	8.5	10
TPE H*	11	MAT9021001	(4x(2x0.25)+2x1.0)C	9.0	6.8
<b>KGH3-KSxxx</b>					
PVC	08	MAT9021014	(4x(2x0.25)+2x1.0)C	8.5	10
TPE H*	11	MAT9021011	(4x(2x0.25)+2x1.0)C	9.0	6.8

#### KGS2-KSxxx

PUR O.I.	09	MAT9021023	(2x(2x(2x0.14))+(4x0.14)C+(4x0.5))C	10.5	10
PUR M.I.	10	MAT9021022	(2x(2x(2x0.14))+(4x0.14)C+(4x0.5))C	11.0	7.5
TPE H*	11	MAT9021021	(2x(2x(2x0.14))+(4x0.14)C+(4x0.5))C	11.0	6.8

#### KRY2-CDF-KSxxx

PVC	08	MAT9021034	(4x(2x0.25)+2x0.5)C	8.0	10
PUR M.I.	10	MAT9021032	(4x(2x0.25)+2x0.5)C	8.5	7.5
TPE H*	11	MAT9021031	(4x(2x0.25)+2x0.5)C	8.5	6.8

#### KRY2-KSxxx

PVC	08	MAT9021044	(4x(2x0.25)+2x0.5)C	8.0	10
PUR M.I.	10	MAT9021042	(4x(2x0.25)+2x0.5)C	8.5	7.5
TPE H*	11	MAT9021041	(4x(2x0.25)+2x0.5)C	8.5	6.8

#### Extension cable



#### KGH2-KSxxx (ext.)

PVC	08	MAT9023004	(4x(2x0.25)+2x1.0)C	8.5	10
TPE H*	11	MAT9023001	(4x(2x0.25)+2x1.0)C	9.0	6.8

#### KGH3-KSxxx (ext.)

PVC	08	MAT9023014	(4x(2x0.25)+2x1.0)C	8.5	10
TPE H*	11	MAT9023011	(4x(2x0.25)+2x1.0)C	9.0	6.8

#### KGS2-KSxxx (ext.)

PUR O.I.	09	MAT9023023	(2x(2x(2x0.14))+(4x0.14)C+(4x0.5))C	10.5	10
PUR M.I.	10	MAT9023022	(2x(2x(2x0.14))+(4x0.14)C+(4x0.5))C	11.0	7.5
TPE H*	11	MAT9023021	(2x(2x(2x0.14))+(4x0.14)C+(4x0.5))C	11.0	6.8

#### KRY2-CDF-KSxxx (ext.)

PVC	08	MAT9023034	(4x(2x0.25)+2x0.5)C	8.0	10
PUR M.I.	10	MAT9023032	(4x(2x0.25)+2x0.5)C	8.5	7.5
TPE H*	11	MAT9023031	(4x(2x0.25)+2x0.5)C	8.5	6.8

#### KRY2-KSxxx (ext.)

PVC	08	MAT9023044	(4x(2x0.25)+2x0.5)C	8.0	10
PUR M.I.	10	MAT9023042	(4x(2x0.25)+2x0.5)C	8.5	7.5
TPE H*	11	MAT9023041	(4x(2x0.25)+2x0.5)C	8.5	6.8

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.  
igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Mitsubishi Electric Motor cables</b>				
<b>Basic cable</b>				
<b>MR-BKS1CBL-xxx-A1-H</b>				
PVC OIL	19	MAT9712002	3G0.75	6.5 6.8
PUR	21	MAT9812002	3G0.75	6.5 6.8
<b>MR-BKS1CBL-xxx-A2-H</b>				
PVC OIL	19	MAT9712004	3G0.75	6.5 6.8
PUR	21	MAT9812004	3G0.75	6.5 6.8
<b>Basic cable</b>				
<b>MR-PWS1CBL-xxx-A1-H</b>				
PVC OIL	19	MAT9712001	4G0.75	7.0 6.8
PUR	21	MAT9812001	4G0.75	7.0 6.8
<b>MR-PWS1CBL-xxx-A2-H</b>				
PVC OIL	19	MAT9712003	4G0.75	7.0 6.8
PUR	21	MAT9812003	4G0.75	7.0 6.8
<b>Basic cable</b>				
<b>PCS015N-xxx-0-0C4</b>				
PVC M.I.	01	MAT9752002	(4G1.5)C	10.0 7.5
PUR O.I.	06	MAT9852002	(4G1.5)C	10.0 10
PUR M.I.	07	MAT9952002	(4G1.5)C	11.0 7.5
<b>PCS025N-xxx-0-0C5</b>				
PVC M.I.	01	MAT9752003	(4G2.5)C	11.5 7.5
PUR O.I.	06	MAT9852003	(4G2.5)C	11.5 10
PUR M.I.	07	MAT9952003	(4G2.5)C	12.5 7.5
<b>PCS025N-xxx-C4</b>				
PVC O.I.	04	MAT9752001	(4G2.5+(2x1.5)C)C	14.0 10
PUR O.I.	06	MAT9852001	(4G2.5)C	11.5 10
PUR M.I.	07	MAT9952001	(4G2.5)C	12.5 7.5
<b>PCS040N-xxx-0-0C4</b>				
PVC M.I.	01	MAT9752004	(4G4.0)C	13.0 7.5
PUR O.I.	06	MAT9852004	(4G4.0)C	13.0 10
TPE F	02	MAT9952004	(4G4.0)C	13.0 7.5
<b>PCS040N-xxx-0-0C5</b>				
PVC M.I.	01	MAT9752005	(4G4.0)C	13.0 7.5
PUR O.I.	06	MAT9852005	(4G4.0)C	13.0 10
TPE F	02	MAT9952005	(4G4.0)C	13.0 7.5

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
 \* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Mitsubishi Electric Motor cables</b>				
<b>PCS060N-xxx-0-0C5</b>				
PVC M.I.	01	MAT9752006	(4G6.0)C	16.0 7.5
PUR O.I.	06	MAT9852006	(4G6.0)C	15.0 10
TPE F	02	MAT9952006	(4G6.0)C	16.0 7.5
<b>Mitsubishi Electric Encoder cables</b>				
<b>Basic cable</b>				
<b>MR-J3ENCBL-xxx-A1-H</b>				
PVC	14	MAT9722002	(3x(2x0.25))C	7.0 7.5
PUR	15	MAT9822002	(3x(2x0.25))C	7.0 7.5
<b>MR-J3ENCBL-xxx-A2-H</b>				
PVC	14	MAT9722003	(3x(2x0.25))C	7.0 7.5
PUR	15	MAT9822003	(3x(2x0.25))C	7.0 7.5
<b>Basic cable</b>				
<b>MR-J3ENSCBL-xxx-H</b>				
PVC	14	MAT9722001	(3x(2x0.25))C	7.0 7.5
PUR	15	MAT9822001	(3x(2x0.25))C	7.0 7.5

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
 \* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
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**Nidec/Control Techniques Motor cables**

**Basic cable**



PS B A A A XXX				
PVC M.I.	01	MAT9560002	(4G2.5)C	11.5 7.5
TPE F	02	MAT9540002	(4G2.5)C	11.5 7.5
TPE H*	03	MAT9960502	(4G2.5)C	11.5 7.5
PS B A F A XXX				
PVC M.I.	01	MAT9560005	(4G2.5)C	11.5 7.5
TPE F	02	MAT9540005	(4G2.5)C	11.5 7.5
TPE H*	03	MAT9960505	(4G2.5)C	11.5 7.5
PS B B A A XXX				
PVC M.I.	01	MAT9560003	(4G4.0)C	13.0 7.5
TPE F	02	MAT9540003	(4G4.0)C	13.0 7.5
TPE H*	03	MAT9960503	(4G4.0)C	13.0 7.5
PS B B F A XXX				
PVC M.I.	01	MAT9560006	(4G4.0)C	13.0 7.5
TPE F	02	MAT9540006	(4G4.0)C	13.0 7.5
TPE H*	03	MAT9960506	(4G4.0)C	13.0 7.5
PS B G A A XXX				
PVC M.I.	01	MAT9560001	(4G1.5)C	10.0 7.5
TPE F	02	MAT9540001	(4G1.5)C	10.0 7.5
TPE H*	03	MAT9960501	(4G1.5)C	10.0 7.5
PS B G F A XXX				
PVC M.I.	01	MAT9560004	(4G1.5)C	10.0 7.5
TPE F	02	MAT9540004	(4G1.5)C	10.0 7.5
TPE H*	03	MAT9960504	(4G1.5)C	10.0 7.5

**Basic cable**



PS B A A B XXX				
PVC M.I.	01	MAT9560008	(4G2.5)C	11.5 7.5
TPE F	02	MAT9540008	(4G2.5)C	11.5 7.5
TPE H*	03	MAT9960508	(4G2.5)C	11.5 7.5
PS B A B B XXX				
PVC M.I.	01	MAT9560020	(4G2.5)C	11.5 7.5
TPE F	02	MAT9540020	(4G2.5)C	11.5 7.5
TPE H*	03	MAT9960520	(4G2.5)C	11.5 7.5
PS B A F B XXX				
PVC M.I.	01	MAT9560014	(4G2.5)C	11.5 7.5
TPE F	02	MAT9540014	(4G2.5)C	11.5 7.5
TPE H*	03	MAT9960514	(4G2.5)C	11.5 7.5

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\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
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**Nidec/Control Techniques Motor cables**

PS B B A B XXX				
PVC M.I.	01	MAT9560009	(4G4.0)C	13.0 7.5
TPE F	02	MAT9540009	(4G4.0)C	13.0 7.5
TPE H*	03	MAT9960509	(4G4.0)C	13.0 7.5
PS B B B B XXX				
PVC M.I.	01	MAT9560021	(4G4.0)C	13.0 7.5
TPE F	02	MAT9540021	(4G4.0)C	13.0 7.5
TPE H*	03	MAT9960521	(4G4.0)C	13.0 7.5
PS B B F B XXX				
PVC M.I.	01	MAT9560015	(4G4.0)C	13.0 7.5
TPE F	02	MAT9540015	(4G4.0)C	13.0 7.5
TPE H*	03	MAT9960515	(4G4.0)C	13.0 7.5

**Basic cable**



PS B C A B XXX				
PVC M.I.	01	MAT9560010	(4G6.0)C	16.0 7.5
TPE F	02	MAT9540010	(4G6.0)C	16.0 7.5
TPE H*	03	MAT9960510	(4G6.0)C	16.0 7.5
PS B C B B XXX				
PVC M.I.	01	MAT9560022	(4G6.0)C	16.0 7.5
TPE F	02	MAT9540022	(4G6.0)C	16.0 7.5
TPE H*	03	MAT9960522	(4G6.0)C	16.0 7.5
PS B C F B XXX				
PVC M.I.	01	MAT9560016	(4G6.0)C	16.0 7.5
TPE F	02	MAT9540016	(4G6.0)C	16.0 7.5
TPE H*	03	MAT9960516	(4G6.0)C	16.0 7.5
PS B D A B XXX				
PVC M.I.	01	MAT9560011	(4G10)C	18.5 7.5
TPE F	02	MAT9540011	(4G10)C	18.5 7.5
TPE H*	03	MAT9960511	(4G10)C	18.5 7.5
PS B D B B XXX				
PVC M.I.	01	MAT9560023	(4G10)C	18.5 7.5
TPE F	02	MAT9540023	(4G10)C	18.5 7.5
TPE H*	03	MAT9960523	(4G10)C	18.5 7.5
PS B D F B XXX				
PVC M.I.	01	MAT9560017	(4G10)C	18.5 7.5
TPE F	02	MAT9540017	(4G10)C	18.5 7.5
TPE H*	03	MAT9960517	(4G10)C	18.5 7.5

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\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Nidec/Control Techniques Motor cables</b>				
<b>Basic cable</b>				
<b>PS B E A B XXX</b>				
PVC M.I.	01	MAT9560012	(4G16)C	23.0 7.5
TPE F	02	MAT9540012	(4G16)C	23.0 7.5
TPE H*	03	MAT9960512	(4G16)C	23.0 7.5
<b>PS B E B B XXX</b>				
PVC M.I.	01	MAT9560024	(4G16)C	23.0 7.5
TPE F	02	MAT9540024	(4G16)C	23.0 7.5
TPE H*	03	MAT9960524	(4G16)C	23.0 7.5
<b>PS B E F B XXX</b>				
PVC M.I.	01	MAT9560018	(4G16)C	23.0 7.5
TPE F	02	MAT9540018	(4G16)C	23.0 7.5
TPE H*	03	MAT9960518	(4G16)C	23.0 7.5
<b>PS B G A B XXX</b>				
PVC M.I.	01	MAT9560007	(4G1.5)C	10.0 7.5
TPE F	02	MAT9540007	(4G1.5)C	10.0 7.5
TPE H*	03	MAT9960507	(4G1.5)C	10.0 7.5
<b>PS B G B B XXX</b>				
PVC M.I.	01	MAT9560019	(4G1.5)C	10.0 7.5
TPE F	02	MAT9540019	(4G1.5)C	10.0 7.5
TPE H*	03	MAT9960519	(4G1.5)C	10.0 7.5
<b>PS B G F B XXX</b>				
PVC M.I.	01	MAT9560013	(4G1.5)C	10.0 7.5
TPE F	02	MAT9540013	(4G1.5)C	10.0 7.5
TPE H*	03	MAT9960513	(4G1.5)C	10.0 7.5



### Nidec/Control Techniques Servo cables

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Basic cable</b>				
<b>PB B A A A XXX</b>				
PVC O.I.	04	MAT9750502	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9560041	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR M.I.	07	MAT9540041	(4G2.5+(2x1.5)C)C	14.5 7.5
<b>PB B A F A XXX</b>				
PVC O.I.	04	MAT9750505	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9560044	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR M.I.	07	MAT9540044	(4G2.5+(2x1.5)C)C	14.5 7.5
<b>PB B B A A XXX</b>				
PVC O.I.	04	MAT9750503	(4G4.0+(2x1.5)C)C	15.0 10
PVC M.I.	05	MAT9560042	(4G4.0+(2x1.5)C)C	16.0 7.5
PUR M.I.	07	MAT9540042	(4G4.0+(2x1.5)C)C	16.0 7.5



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\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Nidec/Control Techniques Servo cables</b>				
<b>PB B B F A XXX</b>				
PVC O.I.	04	MAT9750506	(4G4.0+(2x1.5)C)C	15.0 10
PVC M.I.	05	MAT9560045	(4G4.0+(2x1.5)C)C	16.0 7.5
PUR M.I.	07	MAT9540045	(4G4.0+(2x1.5)C)C	16.0 7.5
<b>PB B G A A XXX</b>				
PVC O.I.	04	MAT9750501	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9560040	(4G1.5+(2x1.5)C)	13.0 7.5
PUR M.I.	07	MAT9540040	(4G1.5+(2x1.5)C)	13.0 7.5
<b>PB B G F A XXX</b>				
PVC O.I.	04	MAT9750504	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9560043	(4G1.5+(2x1.5)C)	13.0 7.5
PUR M.I.	07	MAT9540043	(4G1.5+(2x1.5)C)	13.0 7.5



Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Basic cable</b>				
<b>PB B A A B XXX</b>				
PVC O.I.	04	MAT9750508	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9560047	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR M.I.	07	MAT9540047	(4G2.5+(2x1.5)C)C	14.5 7.5
<b>PB B A B B XXX</b>				
PVC O.I.	04	MAT9750516	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9560059	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR M.I.	07	MAT9540059	(4G2.5+(2x1.5)C)C	14.5 7.5
<b>PB B A F B XXX</b>				
PVC O.I.	04	MAT9750512	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9560053	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR M.I.	07	MAT9540053	(4G2.5+(2x1.5)C)C	14.5 7.5
<b>PB B A G B XXX</b>				
PVC O.I.	04	MAT9750520	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9560065	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR M.I.	07	MAT9540065	(4G2.5+(2x1.5)C)C	14.5 7.5
<b>PB B B A B XXX</b>				
PVC O.I.	04	MAT9750509	(4G4.0+(2x1.5)C)C	15.0 10
PVC M.I.	05	MAT9560048	(4G4.0+(2x1.5)C)C	16.0 7.5
PUR M.I.	07	MAT9540048	(4G4.0+(2x1.5)C)C	16.0 7.5
<b>PB B B B B XXX</b>				
PVC O.I.	04	MAT9750517	(4G4.0+(2x1.5)C)C	15.0 10
PVC M.I.	05	MAT9560060	(4G4.0+(2x1.5)C)C	16.0 7.5
PUR M.I.	07	MAT9540060	(4G4.0+(2x1.5)C)C	16.0 7.5
<b>PB B B F B XXX</b>				
PVC O.I.	04	MAT9750513	(4G4.0+(2x1.5)C)C	15.0 10
PVC M.I.	05	MAT9560054	(4G4.0+(2x1.5)C)C	16.0 7.5
PUR M.I.	07	MAT9540054	(4G4.0+(2x1.5)C)C	16.0 7.5

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Nidec/Control Techniques Servo cables</b>				
<b>Basic cable</b>				
				
<b>PB B B G B XXX</b>				
PVC O.I.	04	MAT9750521	(4G4.0+(2x1.5)C)C	15.0 10
PVC M.I.	05	MAT9560066	(4G4.0+(2x1.5)C)C	16.0 7.5
PUR M.I.	07	MAT9540066	(4G4.0+(2x1.5)C)C	16.0 7.5
<b>PB B C A B XXX</b>				
PVC O.I.	04	MAT9750510	(4G6.0+(2x1.5)C)C	16.5 10
PVC M.I.	05	MAT9560049	(4G6.0+(2x1.5)C)C	18.0 7.5
PUR M.I.	07	MAT9540049	(4G6.0+(2x1.5)C)C	17.5 7.5
<b>PB B C B B XXX</b>				
PVC O.I.	04	MAT9750518	(4G6.0+(2x1.5)C)C	16.5 10
PVC M.I.	05	MAT9560061	(4G6.0+(2x1.5)C)C	18.0 7.5
PUR M.I.	07	MAT9540061	(4G6.0+(2x1.5)C)C	17.5 7.5
<b>PB B C F B XXX</b>				
PVC O.I.	04	MAT9750514	(4G6.0+(2x1.5)C)C	16.5 10
PVC M.I.	05	MAT9560055	(4G6.0+(2x1.5)C)C	18.0 7.5
PUR M.I.	07	MAT9540055	(4G6.0+(2x1.5)C)C	17.5 7.5
<b>PB B C G B XXX</b>				
PVC O.I.	04	MAT9750522	(4G6.0+(2x1.5)C)C	16.5 10
PVC M.I.	05	MAT9560067	(4G6.0+(2x1.5)C)C	18.0 7.5
PUR M.I.	07	MAT9540067	(4G6.0+(2x1.5)C)C	17.5 7.5
<b>PB B D A B XXX</b>				
PVC M.I.	05	MAT9560050	(4G10+(2x1.5)C)C	21.5 7.5
PUR M.I.	07	MAT9540050	(4G10+(2x1.5)C)C	21.0 7.5
<b>PB B D B B XXX</b>				
PVC M.I.	05	MAT9560062	(4G10+(2x1.5)C)C	21.5 7.5
PUR M.I.	07	MAT9540062	(4G10+(2x1.5)C)C	21.0 7.5
<b>PB B D F B XXX</b>				
PVC M.I.	05	MAT9560056	(4G10+(2x1.5)C)C	21.5 7.5
PUR M.I.	07	MAT9540056	(4G10+(2x1.5)C)C	21.0 7.5
<b>PB B D G B XXX</b>				
PVC M.I.	05	MAT9560068	(4G10+(2x1.5)C)C	21.5 7.5
PUR M.I.	07	MAT9540068	(4G10+(2x1.5)C)C	21.0 7.5
<b>PB B E A B XXX</b>				
PVC M.I.	05	MAT9560051	(4G16+(2x1.5)C)C	25.0 7.5
PUR M.I.	07	MAT9540051	(4G16+(2x1.5)C)C	24.0 7.5
<b>PB B E B B XXX</b>				
PVC M.I.	05	MAT9560063	(4G16+(2x1.5)C)C	25.0 7.5
PUR M.I.	07	MAT9540063	(4G16+(2x1.5)C)C	24.0 7.5

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Nidec/Control Techniques Servo cables</b>				
<b>PB B E F B XXX</b>				
PVC M.I.	05	MAT9560057	(4G16+(2x1.5)C)C	25.0 7.5
PUR M.I.	07	MAT9540057	(4G16+(2x1.5)C)C	24.0 7.5
<b>PB B E G B XXX</b>				
PVC M.I.	05	MAT9560069	(4G16+(2x1.5)C)C	25.0 7.5
PUR M.I.	07	MAT9540069	(4G16+(2x1.5)C)C	24.0 7.5
<b>PB B G A B XXX</b>				
PVC O.I.	04	MAT9750507	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9560046	(4G1.5+(2x1.5)C)	13.0 7.5
PUR M.I.	07	MAT9540046	(4G1.5+(2x1.5)C)	13.0 7.5
<b>PB B G B B XXX</b>				
PVC O.I.	04	MAT9750515	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9560058	(4G1.5+(2x1.5)C)	13.0 7.5
PUR M.I.	07	MAT9540058	(4G1.5+(2x1.5)C)	13.0 7.5
<b>PB B G F B XXX</b>				
PVC O.I.	04	MAT9750511	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9560052	(4G1.5+(2x1.5)C)	13.0 7.5
PUR M.I.	07	MAT9540052	(4G1.5+(2x1.5)C)	13.0 7.5
<b>PB B G G B XXX</b>				
PVC O.I.	04	MAT9750519	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9560064	(4G1.5+(2x1.5)C)	13.0 7.5
PUR M.I.	07	MAT9540064	(4G1.5+(2x1.5)C)	13.0 7.5
<b>Nidec/Control Techniques Encoder cables</b>				
<b>Basic cable</b>				
				
<b>SS B A H C XXX</b>				
PVC	08	MAT9560100	(4x(2x0.34)+4x0.5)C	9.5 10
PUR M.I.	10	MAT9840501	(4x(2x0.34)+4x0.5)C	10.0 7.5
TPE H*	11	MAT9540100	(4x(2x0.34)+4x0.5)C	10.0 6.8
<b>SS B A H H XXX</b>				
PVC	08	MAT9560101	(4x(2x0.34)+4x0.5)C	9.5 10
PUR M.I.	10	MAT9840502	(4x(2x0.34)+4x0.5)C	10.0 7.5
TPE H*	11	MAT9540101	(4x(2x0.34)+4x0.5)C	10.0 6.8
<b>SS B A H N XXX</b>				
PVC	08	MAT9560104	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	9.0 10
PUR M.I.	10	MAT9840505	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	10.0 7.5
TPE H*	11	MAT9540104	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	10.0 6.8

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

# Harnessed drive cables | NUM

## PVC/PUR/TPE

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
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### NUM Power cables

#### Basic cable



AGOFRU018LMxxx				
PVC M.I.	<b>01</b>	MAT9280051	(4G1.5)C	10.0 7.5
TPE F	<b>02</b>	MAT9282051	(4G1.5)C	10.0 7.5
TPE H*	<b>03</b>	MAT9961201	(4G1.5)C	10.0 7.5
AGOFRU019LMxxx				
PVC M.I.	<b>01</b>	MAT9280052	(4G4.0)C	13.0 7.5
TPE F	<b>02</b>	MAT9282052	(4G4.0)C	13.0 7.5
TPE H*	<b>03</b>	MAT9961202	(4G4.0)C	13.0 7.5

#### Extension cable



AGOFRU018LMxxx (ext.)				
PVC M.I.	<b>01</b>	MAT9280061	(4G1.5)C	10.0 7.5
TPE H*	<b>03</b>	MAT9961203	(4G1.5)C	10.0 7.5
AGOFRU018LMxxx (ext.)				
TPE F	<b>02</b>	MAT9282061	(4G1.5)C	10.0 7.5
AGOFRU019LMxxx (ext.)				
PVC M.I.	<b>01</b>	MAT9280062	(4G4.0)C	13.0 7.5
TPE F	<b>02</b>	MAT9282062	(4G4.0)C	13.0 7.5
TPE H*	<b>03</b>	MAT9961204	(4G4.0)C	13.0 7.5

### NUM Servo cables

#### Basic cable



AGOFRU018Mxxx				
PVC M.I.	<b>05</b>	MAT9280001	(4G1.5+(2x1.5)C)	13.0 7.5
PUR M.I.	<b>07</b>	MAT9282001	(4G1.5+(2x1.5)C)	13.0 7.5
AGOFRU019Mxxx				
PVC M.I.	<b>05</b>	MAT9280002	(4G4.0+(2x1.5)C)C	16.0 7.5
PUR M.I.	<b>07</b>	MAT9282002	(4G4.0+(2x1.5)C)C	16.0 7.5

#### Basic cable



AGOFRU020Mxxx				
PVC M.I.	<b>05</b>	MAT9280003	(4G10+(2x1.5)C)C	21.5 7.5
PUR M.I.	<b>07</b>	MAT9282003	(4G10+(2x1.5)C)C	21.0 7.5

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

# Harnessed drive cables | NUM

## PVC/PUR/TPE

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
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### NUM Servo cables

#### Extension cable



AGOFRU018Mxxx (ext.)				
PVC M.I.	<b>05</b>	MAT9280011	(4G1.5+(2x1.5)C)	13.0 7.5
PUR M.I.	<b>07</b>	MAT9282011	(4G1.5+(2x1.5)C)	13.0 7.5
AGOFRU019Mxxx (ext.)				
PVC M.I.	<b>05</b>	MAT9280012	(4G4.0+(2x1.5)C)C	16.0 7.5
PUR M.I.	<b>07</b>	MAT9282012	(4G4.0+(2x1.5)C)C	16.0 7.5

#### Extension cable



AGOFRU020Mxxx (ext.)				
PVC M.I.	<b>05</b>	MAT9280013	(4G10+(2x1.5)C)C	21.5 7.5
PUR M.I.	<b>07</b>	MAT9282013	(4G10+(2x1.5)C)C	21.0 7.5

### NUM Fan cables

#### Basic cable



AGOFRU012Mxxx				
PVC	<b>17</b>	MAT9289005	4G1.0	7.0 7.5
TPE H*	<b>23</b>	MAT9289007	4G1.0	6.5 5

#### Extension cable



AGOFRU012Mxxx (ext.)				
PVC	<b>17</b>	MAT9289015	4G1.0	7.0 7.5
TPE H*	<b>23</b>	MAT9289017	4G1.0	6.5 5

### NUM Encoder cables

#### Basic cable



AGOFRU029Mxxx				
PVC	<b>08</b>	MAT9284001	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	9.0 10
TPE H*	<b>11</b>	MAT9286001	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	10.0 6.8

#### Basic cable



AGOFRU030Mxxx				
PVC	<b>08</b>	MAT9289001	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	9.0 10
TPE H*	<b>11</b>	MAT9289004	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	10.0 6.8

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

# Harnessed drive cables | NUM PVC/TPE

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
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## NUM Encoder cables

### Extension cable



#### AGOFRU029Mxxx (ext.)

PVC	<b>08</b>	MAT9284011	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	9.0	10
TPE H*	<b>11</b>	MAT9286011	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	10.0	6.8

### Extension cable



#### AGOFRU030Mxxx (ext.)

PVC	<b>08</b>	MAT9289011	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	9.0	10
TPE H*	<b>11</b>	MAT9289014	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	10.0	6.8

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

# Harnessed drive cables | Omron PVC/PUR/TPE

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
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## Omron Motor cables

### Basic cable



#### R88A-CAWA-xxxS-DE

TPE F	<b>02</b>	MAT9810004	(4G0.5)C	7.5	7.5
TPE H*	<b>03</b>	MAT9962104	(4G0.5)C	8.0	7.5

#### R88A-CAWCxxx

PVC M.I.	<b>01</b>	MAT9710005	(4G1.5)C	10.0	7.5
TPE F	<b>02</b>	MAT9810005	(4G1.5)C	10.0	7.5
TPE H*	<b>03</b>	MAT9962105	(4G1.5)C	10.0	7.5

#### R88A-CAWCxxxS-E

PVC M.I.	<b>01</b>	MAT9710003	(4G1.5)C	10.0	7.5
TPE F	<b>02</b>	MAT9810003	(4G1.5)C	10.0	7.5
TPE H*	<b>03</b>	MAT9962103	(4G1.5)C	10.0	7.5

#### R88A-CAWDxxxS

PVC M.I.	<b>01</b>	MAT9710006	(4G2.5)C	11.5	7.5
TPE F	<b>02</b>	MAT9810006	(4G2.5)C	11.5	7.5
TPE H*	<b>03</b>	MAT9962106	(4G2.5)C	11.5	7.5

#### R88A-CAWDxxxS-E

PVC M.I.	<b>01</b>	MAT9710001	(4G2.5)C	11.5	7.5
TPE F	<b>02</b>	MAT9810001	(4G2.5)C	11.5	7.5
TPE H*	<b>03</b>	MAT9962101	(4G2.5)C	11.5	7.5

#### R88A-CAWFxxxS-E

PVC M.I.	<b>01</b>	MAT9710002	(4G4.0)C	13.0	7.5
TPE F	<b>02</b>	MAT9810002	(4G4.0)C	13.0	7.5
TPE H*	<b>03</b>	MAT9962102	(4G4.0)C	13.0	7.5

## Omron Control cables

### Basic cable



#### JZSP-CHM000-xx-E

PVC M.I.	<b>18</b>	MAT9712103	(5G0.5)C	8.0	7.5
PVC OIL	<b>20</b>	MAT9710015	(5G0.5)C	8.5	6.8
PUR M.I.	<b>22</b>	MAT9810015	(5G0.5)C	8.0	6.8
TPE H*	<b>24</b>	MAT9912103	(5x0.5)C	7.5	5

### Basic cable



#### JZSP-CHM000-xx-ME

PVC M.I.	<b>18</b>	MAT9712104	(5G0.5)C	8.0	7.5
PVC OIL	<b>20</b>	MAT9710016	(5G0.5)C	8.5	6.8
PUR M.I.	<b>22</b>	MAT9810016	(5G0.5)C	8.0	6.8
TPE H*	<b>24</b>	MAT9912104	(5x0.5)C	7.5	5

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915



# Harnessed drive cables | Omron

## PVC/PUR/TPE

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
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### Omron Control cables

#### Basic cable



#### JZSP-CHM030-xx-E

PVC M.I.	18	MAT9712105	(7G0.75)C	10.0	7.5
PVC OIL	20	MAT9710017	(7G0.5)C	10.0	6.8
PUR M.I.	22	MAT9810017	(7G0.5)C	9.5	6.8
TPE H*	24	MAT9912105	(7x0.5)C	8.5	5

#### Basic cable



#### JZSP-CHM030-xx-ME

PVC M.I.	18	MAT9712106	(7G0.75)C	10.0	7.5
PVC OIL	20	MAT9710018	(7G0.5)C	10.0	6.8
PUR M.I.	22	MAT9810018	(7G0.5)C	9.5	6.8
TPE H*	24	MAT9912106	(7x0.5)C	8.5	5

#### Basic cable



#### JZSP-CSM22-xx-E-G1

PVC M.I.	18	MAT9712102	(4G0.75)C	8.5	7.5
PVC OIL	20	MAT9710014	(4G0.75)C	8.5	6.8
PUR M.I.	22	MAT9810014	(4G0.75)C	8.5	6.8
TPE H*	24	MAT9912102	(4G0.75)C	7.5	5

#### Basic cable



#### R88A-CAWCxxxB-E

PVC	17	MAT9712101	2x0.5	5.5	7.5
PVC OIL	19	MAT9710013	2x0.5	6.0	6.8
PUR	21	MAT9810013	3G0.75	6.5	6.8
TPE H*	23	MAT9912101	2x0.5	5.0	5

#### Basic cable



#### R88A-CAWExxxB

PVC M.I.	18	MAT9712107	(3G0.5)C	7.0	7.5
PVC OIL	20	MAT9710019	(2x0.5)C	7.0	6.8
PUR M.I.	22	MAT9810019	(4G0.5)C	8.0	6.8
TPE H*	24	MAT9912107	(4x0.5)C	7.0	5

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.

igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core

\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

# Harnessed drive cables | Omron

## PVC/PUR/TPE

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
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### Omron Encoder cables

#### Basic cable



#### JZSP-CHP800-xx-E

PVC	08	MAT9710009	(4x(2x0.25)+2x0.5)C	8.0	10
PUR M.I.	10	MAT9842103	(4x(2x0.25)+2x0.5)C	8.5	7.5
TPE H*	11	MAT9810009	(4x(2x0.25)+2x0.5)C	8.5	6.8

#### Basic cable



#### JZSP-CHP800-xx-ME

PVC	08	MAT9710008	(4x(2x0.25)+2x0.5)C	8.0	10
PUR M.I.	10	MAT9842102	(4x(2x0.25)+2x0.5)C	8.5	7.5
TPE H*	11	MAT9810008	(4x(2x0.25)+2x0.5)C	8.5	6.8

#### Basic cable



#### JZSP-CSP21-xx-E-G1

PVC	14	MAT9710011	(3x(2x0.25))C	7.0	7.5
PUR M.I.	10	MAT9842105	(3x(2x0.25))C	7.5	7.5
TPE H*	11	MAT9810011	(3x(2x0.25))C	7.5	6.8

#### Basic cable



#### R88A-CRWA-xxxC-DE

PVC	08	MAT9710012	(2x(2x0.25)+2x0.5)C	6.5	10
PUR M.I.	10	MAT9842106	(2x(2x0.25)+2x0.5)C	6.5	7.5
TPE H*	11	MAT9810012	(2x(2x0.25)+2x0.5)C	6.5	6.8

#### Basic cable



#### R88A-CRWBxxxN

PVC	08	MAT9710010	(4x(2x0.25)+2x1.0)C	8.5	10
PUR M.I.	10	MAT9842104	(4x(2x0.25)+2x1.0)C	9.0	7.5
TPE H*	11	MAT9810010	(4x(2x0.25)+2x1.0)C	9.0	6.8

#### R88A-CRWBxxxN-E

PVC	08	MAT9710007	(4x(2x0.25)+2x1.0)C	8.5	10
PUR M.I.	10	MAT9842101	(4x(2x0.25)+2x1.0)C	9.0	7.5
TPE H*	11	MAT9810007	(4x(2x0.25)+2x1.0)C	9.0	6.8

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.

igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core

\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

# Harnessed drive cables | Parker

## PVC/PUR

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Parker Motor cables</b>				
<b>Basic cable</b>				
<b>iMOK42</b>				
PVC O.I.	04	MAT9752255	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9752205	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR O.I.	06	MAT9852255	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9852205	(4G1.5+(2x1.5)C)	13.0 7.5
<b>iMOK43</b>				
PVC O.I.	04	MAT9752257	(4G2.5+(2x1.5)C)C	14.0 10
PUR O.I.	06	MAT9852257	(4G2.5+(2x1.5)C)C	14.0 10
PUR O.I.	06	MAT9752207	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR M.I.	07	MAT9852207	(4G2.5+(2x1.5)C)C	14.5 7.5
<b>iMOK44</b>				
PVC O.I.	04	MAT9752256	(4G1.5+(2x1.5)C)	12.5 10
PUR O.I.	06	MAT9852256	(4G1.5+(2x1.5)C)	12.5 10
PUR O.I.	06	MAT9752206	(4G1.5+(2x1.5)C)	13.0 7.5
PUR M.I.	07	MAT9852206	(4G1.5+(2x1.5)C)	13.0 7.5
<b>iMOK45</b>				
PVC O.I.	04	MAT9752258	(4G2.5+(2x1.5)C)C	14.0 10
PUR O.I.	06	MAT9852258	(4G2.5+(2x1.5)C)C	14.0 10
PUR O.I.	06	MAT9752208	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR M.I.	07	MAT9852208	(4G2.5+(2x1.5)C)C	14.5 7.5
<b>iMOK54</b>				
PVC O.I.	04	MAT9752252	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9752202	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9852252	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9852202	(4G1.5+(2x1.5)C)	13.0 7.5
<b>iMOK55</b>				
PVC O.I.	04	MAT9752251	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9752201	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9852251	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9852201	(4G1.5+(2x1.5)C)	13.0 7.5
<b>iMOK56</b>				
PVC O.I.	04	MAT9752253	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9752203	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR O.I.	06	MAT9852253	(4G2.5+(2x1.5)C)C	14.0 10
PUR M.I.	07	MAT9852203	(4G2.5+(2x1.5)C)C	14.5 7.5
<b>iMOK57</b>				
PVC O.I.	04	MAT9752254	(4G2.5+(2x1.5)C)C	14.0 10
PUR O.I.	06	MAT9852254	(4G2.5+(2x1.5)C)C	14.0 10
PUR O.I.	06	MAT9752204	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR M.I.	07	MAT9852204	(4G2.5+(2x1.5)C)C	14.5 7.5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

# Harnessed drive cables | Parker

## PVC/PUR/TPE

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Parker Resolver cables</b>				
<b>Basic cable</b>				
<b>iREK32</b>				
PVC	14	MAT9722211	(4x(2x0.25))C	7.5 7.5
PUR	15	MAT9822211	(4x(2x0.25))C	7.5 7.5
TPE H*	16	MAT9922211	(4x(2x0.25))C	8.5 6.8
<b>iREK33</b>				
PVC	14	MAT9722212	(4x(2x0.25))C	7.5 7.5
PUR	15	MAT9822212	(4x(2x0.25))C	7.5 7.5
TPE H*	16	MAT9922212	(4x(2x0.25))C	8.5 6.8
<b>iREK41</b>				
PVC	14	MAT9722210	(4x(2x0.25))C	7.5 7.5
PUR	15	MAT9822210	(4x(2x0.25))C	7.5 7.5
TPE H*	16	MAT9922210	(4x(2x0.25))C	8.5 6.8
<b>iREK42</b>				
PVC	14	MAT9722209	(4x(2x0.25))C	7.5 7.5
PUR	15	MAT9822209	(4x(2x0.25))C	7.5 7.5
TPE H*	16	MAT9922209	(4x(2x0.25))C	8.5 6.8

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>SEW Motor cables</b>				

## Connection cable (Amphenol)



<b>0199 1809</b>				
PVC M.I.	01	MAT9410006	(4G1.5)C	10.0 7.5
PUR O.I.	06	MAT9861401	(4G1.5)C	10.0 10
TPE F	02	MAT9400006	(4G1.5)C	10.0 7.5
<b>0199 1825</b>				
PVC M.I.	01	MAT9410007	(4G2.5)C	11.5 7.5
PUR O.I.	06	MAT9861402	(4G2.5)C	11.5 10
TPE F	02	MAT9400007	(4G2.5)C	11.5 7.5
<b>0199 1841</b>				
PVC M.I.	01	MAT9410008	(4G4.0)C	13.0 7.5
PUR O.I.	06	MAT9861403	(4G4.0)C	13.0 10
TPE F	02	MAT9400008	(4G4.0)C	13.0 7.5
<b>0199 1868</b>				
PVC M.I.	01	MAT9410009	(4G6.0)C	16.0 7.5
PUR O.I.	06	MAT9861404	(4G6.0)C	15.0 10
TPE F	02	MAT9400009	(4G6.0)C	16.0 7.5
<b>0199 1884</b>				
PVC M.I.	01	MAT9410010	(4G10)C	18.5 7.5
PUR O.I.	06	MAT9861405	(4G10)C	18.0 10
TPE F	02	MAT9400010	(4G10)C	18.5 7.5

## Connection cable



<b>0590 4773</b>				
PVC M.I.	01	MAT9410012	(4G1.5)C	10.0 7.5
PUR O.I.	06	MAT9861406	(4G1.5)C	10.0 10
TPE F	02	MAT9400012	(4G1.5)C	10.0 7.5
<b>0590 4803</b>				
PVC M.I.	01	MAT9761415	(4G4.0)C	13.0 7.5
PUR O.I.	06	MAT9861415	(4G4.0)C	13.0 10
TPE F	02	MAT9961415	(4G4.0)C	13.0 7.5
<b>0590 6245</b>				
PVC M.I.	01	MAT9761413	(4G1.5)C	10.0 7.5
PUR O.I.	06	MAT9861413	(4G1.5)C	10.0 10
TPE F	02	MAT9961413	(4G1.5)C	10.0 7.5
<b>0590 6253</b>				
PVC M.I.	01	MAT9761414	(4G2.5)C	11.5 7.5
PUR O.I.	06	MAT9861414	(4G2.5)C	11.5 10
TPE F	02	MAT9961414	(4G2.5)C	11.5 7.5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.  
igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>SEW Motor cables</b>				

## Connection cable



<b>1335 0293</b>				
PVC M.I.	01	MAT9761416	(4G6.0)C	16.0 7.5
PUR O.I.	06	MAT9861416	(4G6.0)C	15.0 10
TPE F	02	MAT9961416	(4G6.0)C	16.0 7.5
<b>1335 0307</b>				
PVC M.I.	01	MAT9761417	(4G10)C	18.5 7.5
PUR O.I.	06	MAT9861417	(4G10)C	18.0 10
TPE F	02	MAT9961417	(4G10)C	18.5 7.5
<b>1335 0315</b>				
PVC M.I.	01	MAT9761418	(4G16)C	23.0 7.5
PUR O.I.	06	MAT9861418	(4G16)C	22.0 10
TPE F	02	MAT9961418	(4G16)C	23.0 7.5

## Extension cable (Amphenol)



<b>0199 5502</b>				
PVC M.I.	01	MAT9411006	(4G1.5)C	10.0 7.5
PUR O.I.	06	MAT9861407	(4G1.5)C	10.0 10
TPE F	02	MAT9401006	(4G1.5)C	10.0 7.5
<b>0199 5529</b>				
PVC M.I.	01	MAT9411007	(4G2.5)C	11.5 7.5
PUR O.I.	06	MAT9861408	(4G2.5)C	11.5 10
TPE F	02	MAT9401007	(4G2.5)C	11.5 7.5
<b>0199 5545</b>				
PVC M.I.	01	MAT9411008	(4G4.0)C	13.0 7.5
PUR O.I.	06	MAT9861409	(4G4.0)C	13.0 10
TPE F	02	MAT9401008	(4G4.0)C	13.0 7.5
<b>0199 5561</b>				
PVC M.I.	01	MAT9411009	(4G6.0)C	16.0 7.5
PUR O.I.	06	MAT9861410	(4G6.0)C	15.0 10
TPE F	02	MAT9401009	(4G6.0)C	16.0 7.5
<b>0199 5588</b>				
PVC M.I.	01	MAT9411010	(4G10)C	18.5 7.5
PUR O.I.	06	MAT9861411	(4G10)C	18.0 10
TPE F	02	MAT9401010	(4G10)C	18.5 7.5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.  
igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>SEW Motor cables</b>				
<b>Extension cable</b>				
<b>0590 3610</b>				
PVC M.I.	<b>01</b>	MAT9411012	(4G1.5)C	10.0 7.5
PUR O.I.	<b>06</b>	MAT9861412	(4G1.5)C	10.0 10
TPE F	<b>02</b>	MAT9401012	(4G1.5)C	10.0 7.5
<b>Extension cable</b>				
<b>1333 2457</b>				
PVC M.I.	<b>01</b>	MAT9761419	(4G1.5)C	10.0 7.5
PUR O.I.	<b>06</b>	MAT9861419	(4G1.5)C	10.0 10
TPE F	<b>02</b>	MAT9961419	(4G1.5)C	10.0 7.5
<b>1333 2465</b>				
PVC M.I.	<b>01</b>	MAT9761420	(4G2.5)C	11.5 7.5
PUR O.I.	<b>06</b>	MAT9861420	(4G2.5)C	11.5 10
TPE F	<b>02</b>	MAT9961420	(4G2.5)C	11.5 7.5
<b>1333 2473</b>				
PVC M.I.	<b>01</b>	MAT9761421	(4G4.0)C	13.0 7.5
PUR O.I.	<b>06</b>	MAT9861421	(4G4.0)C	13.0 10
TPE F	<b>02</b>	MAT9961421	(4G4.0)C	13.0 7.5
<b>1335 0021</b>				
PVC M.I.	<b>01</b>	MAT9761422	(4G6.0)C	16.0 7.5
PUR O.I.	<b>06</b>	MAT9861422	(4G6.0)C	15.0 10
TPE F	<b>02</b>	MAT9961422	(4G6.0)C	16.0 7.5
<b>1335 0048</b>				
PVC M.I.	<b>01</b>	MAT9761423	(4G10)C	18.5 7.5
PUR O.I.	<b>06</b>	MAT9861423	(4G10)C	18.0 10
TPE F	<b>02</b>	MAT9961423	(4G10)C	18.5 7.5
<b>1335 0056</b>				
PVC M.I.	<b>01</b>	MAT9761424	(4G16)C	23.0 7.5
PUR O.I.	<b>06</b>	MAT9861424	(4G16)C	22.0 10
TPE F	<b>02</b>	MAT9961424	(4G16)C	23.0 7.5

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.  
igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>SEW Servo cables</b>				
<b>Connection cable (Amphenol)</b>				
<b>0199 1906</b>				
PVC O.I.	<b>04</b>	MAT9751401	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	<b>05</b>	MAT9410001	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	<b>06</b>	MAT9851401	(4G1.5+2x(2x0.75)C)C	13.5 10
PUR M.I.	<b>07</b>	MAT9400001	(4G1.5+2x(2x0.75)C)C	14.5 7.5
<b>0199 1922</b>				
PVC O.I.	<b>04</b>	MAT9751402	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	<b>05</b>	MAT9410002	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	<b>06</b>	MAT9851402	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	<b>07</b>	MAT9400002	(4G2.5+2x(2x1.5)C)C	16.0 7.5
<b>0199 1949</b>				
PVC O.I.	<b>04</b>	MAT9751403	(4G4.0+2x(2x1.5)C)C	17.0 10
PVC M.I.	<b>05</b>	MAT9410003	(4G4.0+2x(2x1.5)C)C	18.0 7.5
PUR O.I.	<b>06</b>	MAT9851403	(4G4.0+2x(2x1.5)C)C	17.0 10
PUR M.I.	<b>07</b>	MAT9400003	(4G4.0+2x(2x1.5)C)C	17.5 7.5
<b>0199 1965</b>				
PVC O.I.	<b>04</b>	MAT9751404	(4G6.0+2x(2x1.5)C)C	19.0 10
PVC M.I.	<b>05</b>	MAT9410004	(4G6.0+2x(2x1.5)C)C	21.0 7.5
PUR O.I.	<b>06</b>	MAT9851404	(4G6.0+2x(2x1.5)C)C	19.0 10
PUR M.I.	<b>07</b>	MAT9400004	(4G6.0+2x(2x1.5)C)C	19.5 7.5
<b>0199 1981</b>				
PVC M.I.	<b>05</b>	MAT9410005	(4G10+2x(2x1.5)C)C	23.0 7.5
PUR O.I.	<b>06</b>	MAT9851405	(4G10+2x(2x1.5)C)C	22.5 10
PUR M.I.	<b>07</b>	MAT9400005	(4G10+2x(2x1.5)C)C	22.5 7.5
<b>Connection cable</b>				
<b>1332 4861</b>				
PVC O.I.	<b>04</b>	MAT9751405	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	<b>05</b>	MAT9410011	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	<b>06</b>	MAT9851406	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	<b>07</b>	MAT9400011	(4G1.5+(2x1.5)C)	13.0 7.5

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\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

\* Technical information on the cable quality (Code **01-31**): ▶ Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>SEW Servo cables</b>				
<b>Connection cable</b>				
<b>1333 1221</b>				
PVC O.I.	04	MAT9751473	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9751474	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9851473	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9851474	(4G1.5+(2x1.5)C)	13.0 7.5
TPE H*	31	MAT9951473	(4G1.5+(2x1.5)C)	13.0 6.8
<b>1333 2155</b>				
PVC O.I.	04	MAT9751471	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9751472	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR O.I.	06	MAT9851471	(4G2.5+(2x1.5)C)C	14.0 10
PUR M.I.	07	MAT9851472	(4G2.5+(2x1.5)C)C	14.5 7.5
TPE H*	31	MAT9951471	(4G2.5+(2x1.5)C)C	14.0 6.8
<b>Connection cable</b>				
<b>1335 0153</b>				
PVC O.I.	04	MAT9751422	(4G6.0+2x(2x1.5)C)C	19.0 10
PVC M.I.	05	MAT9751440	(4G6.0+2x(2x1.5)C)C	21.0 7.5
PUR O.I.	06	MAT9851422	(4G6.0+2x(2x1.5)C)C	19.0 10
PUR M.I.	07	MAT9851440	(4G6.0+2x(2x1.5)C)C	19.5 7.5
<b>1335 0161</b>				
PVC M.I.	05	MAT9751441	(4G10+2x(2x1.5)C)C	23.0 7.5
PUR O.I.	06	MAT9851423	(4G10+2x(2x1.5)C)C	22.5 10
PUR M.I.	07	MAT9851441	(4G10+2x(2x1.5)C)C	22.5 7.5
<b>1335 0188</b>				
PVC M.I.	05	MAT9751442	(4G16+2x(2x1.5)C)C	26.5 7.5
PUR O.I.	06	MAT9851424	(4G16+2x(2x1.5)C)C	26.0 10
PUR M.I.	07	MAT9851442	(4G16+2x(2x1.5)C)C	26.0 7.5
<b>1335 0234</b>				
PVC O.I.	04	MAT9751416	(4G6.0+(2x1.5)C)C	16.5 10
PVC M.I.	05	MAT9751434	(4G6.0+(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9851416	(4G6.0+(2x1.5)C)C	16.5 10
PUR M.I.	07	MAT9851434	(4G6.0+(2x1.5)C)C	17.5 7.5
<b>1335 0242</b>				
PVC M.I.	05	MAT9751435	(4G10+(2x1.5)C)C	21.5 7.5
PUR O.I.	06	MAT9851417	(4G10+(2x1.5)C)C	21.0 10
PUR M.I.	07	MAT9851435	(4G10+(2x1.5)C)C	21.0 7.5

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 915

\* Technical information on the cable quality (Code **01-31**): ▶ Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>SEW Servo cables</b>				
<b>1335 0250</b>				
PVC M.I.	05	MAT9751436	(4G16+2x(2x1.5)C)C	26.5 7.5
PUR O.I.	06	MAT9851418	(4G16+2x(2x1.5)C)C	26.0 10
PUR M.I.	07	MAT9851436	(4G16+(2x1.5)C)C	24.0 7.5
<b>1335 4302</b>				
PUR O.I.	27	MAT9851419	(4G1.5+(3x1.0)C)C	12.0 10
<b>1335 4310</b>				
PVC O.I.	04	MAT9751420	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9751438	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9851420	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9851438	(4G2.5+2x(2x1.5)C)C	16.0 7.5
<b>1335 4329</b>				
PVC O.I.	04	MAT9751421	(4G4.0+2x(2x1.5)C)C	17.0 10
PVC M.I.	05	MAT9751439	(4G4.0+2x(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9851421	(4G4.0+2x(2x1.5)C)C	17.0 10
PUR M.I.	07	MAT9851439	(4G4.0+2x(2x1.5)C)C	17.5 7.5
<b>1335 4388</b>				
PUR O.I.	27	MAT9851413	(4G1.5+(3x1.0)C)C	12.0 10
<b>1335 4396</b>				
PUR O.I.	27	MAT9851479	(4G2.5+(3x1.0)C)C	13.5 10

**Extension cable (Amphenol)**

<b>0199 2007</b>				
PVC O.I.	04	MAT9751406	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9411001	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9851407	(4G1.5+2x(2x0.75)C)C	13.5 10
PUR M.I.	07	MAT9401001	(4G1.5+2x(2x0.75)C)C	14.5 7.5
<b>0199 2023</b>				
PVC O.I.	04	MAT9751407	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9411002	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9851408	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9401002	(4G2.5+2x(2x1.5)C)C	16.0 7.5
<b>0199 204X</b>				
PVC O.I.	04	MAT9751408	(4G4.0+2x(2x1.5)C)C	17.0 10
PVC M.I.	05	MAT9411003	(4G4.0+2x(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9851409	(4G4.0+2x(2x1.5)C)C	17.0 10
PUR M.I.	07	MAT9401003	(4G4.0+2x(2x1.5)C)C	17.5 7.5
<b>0199 2066</b>				
PVC O.I.	04	MAT9751409	(4G6.0+2x(2x1.5)C)C	19.0 10
PVC M.I.	05	MAT9411004	(4G6.0+2x(2x1.5)C)C	21.0 7.5
PUR O.I.	06	MAT9851410	(4G6.0+2x(2x1.5)C)C	19.0 10
PUR M.I.	07	MAT9401004	(4G6.0+2x(2x1.5)C)C	19.5 7.5

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\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 915

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
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## SEW Servo cables

## Extension cable (Amphenol)



## 0199 2082

PVC M.I.	05	MAT9411005	(4G10+2x(2x1.5)C)C	23.0	7.5
PUR O.I.	06	MAT9851411	(4G10+2x(2x1.5)C)C	22.5	10
PUR M.I.	07	MAT9401005	(4G10+2x(2x1.5)C)C	22.5	7.5

## Extension cable



## 0593 6500

PVC O.I.	04	MAT9751410	(4G1.5+(2x1.5)C)	12.5	10
PVC M.I.	05	MAT9411011	(4G1.5+(2x1.5)C)	13.0	7.5
PUR O.I.	06	MAT9851412	(4G1.5+(2x1.5)C)	12.5	10
PUR M.I.	07	MAT9401011	(4G1.5+(2x1.5)C)	13.0	7.5

## Extension cable



## 1333 1205

PUR O.I.	27	MAT9851480	(4G1.5+(3x1.0)C)C	12.0	10
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EPLAN macros suitable for SEW available online

Can be used directly in CAE planning.

Learn more about it on page 572/573 and online: [www.igus.eu/eplan-macro](http://www.igus.eu/eplan-macro)



**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.  
igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
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## SEW Servo cables

## Extension cable



## 1333 2481

PVC O.I.	04	MAT9751475	(4G1.5+(2x1.5)C)	12.5	10
PVC M.I.	05	MAT9751476	(4G1.5+(2x1.5)C)	13.0	7.5
PUR O.I.	06	MAT9851475	(4G1.5+(2x1.5)C)	12.5	10
PUR M.I.	07	MAT9851476	(4G1.5+(2x1.5)C)	13.0	7.5
TPE H*	31	MAT9951475	(4G1.5+(2x1.5)C)	13.0	6.8

## 1333 2503

PVC O.I.	04	MAT9751477	(4G2.5+(2x1.5)C)C	14.0	10
PVC M.I.	05	MAT9751478	(4G2.5+(2x1.5)C)C	14.5	7.5
PUR O.I.	06	MAT9851477	(4G2.5+(2x1.5)C)C	14.0	10
PUR M.I.	07	MAT9851478	(4G2.5+(2x1.5)C)C	14.5	7.5
TPE H*	31	MAT9951477	(4G2.5+(2x1.5)C)C	14.0	6.8

## 1335 0099

PVC M.I.	05	MAT9751446	(4G6.0+2x(2x1.5)C)C	21.0	7.5
PUR O.I.	06	MAT9851428	(4G6.0+2x(2x1.5)C)C	19.0	10
PUR M.I.	07	MAT9851446	(4G6.0+2x(2x1.5)C)C	19.5	7.5

## 1335 0102

PVC M.I.	05	MAT9751447	(4G10+2x(2x1.5)C)C	23.0	7.5
PUR O.I.	06	MAT9851429	(4G10+2x(2x1.5)C)C	22.5	10
PUR M.I.	07	MAT9851447	(4G10+2x(2x1.5)C)C	22.5	7.5

## 1335 0110

PVC M.I.	05	MAT9751448	(4G16+2x(2x1.5)C)C	26.5	7.5
PUR O.I.	06	MAT9851430	(4G16+2x(2x1.5)C)C	26.0	10
PUR M.I.	07	MAT9851448	(4G16+2x(2x1.5)C)C	26.0	7.5

## 1335 4221

PUR O.I.	27	MAT9851425	(4G1.5+(3x1.0)C)C	12.0	10
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## 1335 4248

PVC M.I.	05	MAT9751444	(4G2.5+2x(2x1.5)C)C	17.0	7.5
PUR O.I.	06	MAT9851426	(4G2.5+2x(2x1.5)C)C	16.0	10
PUR M.I.	07	MAT9851444	(4G2.5+2x(2x1.5)C)C	16.0	7.5

## 1335 4337

PVC M.I.	05	MAT9751445	(4G4.0+2x(2x1.5)C)C	18.0	7.5
PUR O.I.	06	MAT9851427	(4G4.0+2x(2x1.5)C)C	17.0	10
PUR M.I.	07	MAT9851445	(4G4.0+2x(2x1.5)C)C	17.5	7.5

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\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>SEW Hybrid servo cables</b>				
<b>Basic cable</b>				
<b>0186 725 3</b>				
PUR O.I.	27	MAT9851443	4G1.5+(2x0.75)C+(3x0.75)C	14.0 10
<b>0187 889 5</b>				
PUR O.I.	27	MAT9851456	(7x2.5+(2x0.75)C)C	20.0 10
<b>0593 278 5</b>				
PUR O.I.	27	MAT9851449	(7x2.5+(2x0.75)C)C	20.0 10
<b>0593 755 8</b>				
PUR O.I.	27	MAT9851451	(7x2.5+(2x0.75)C)C	20.0 10
<b>0816 208 5</b>				
PUR O.I.	27	MAT9851454	(7x2.5+(2x0.75)C)C	20.0 10
<b>0816 325 1</b>				
PUR O.I.	27	MAT9851450	(7x2.5+(2x0.75)C)C	20.0 10
<b>0816 326 X</b>				
PUR O.I.	27	MAT9851452	(7x2.5+(2x0.75)C)C	20.0 10
<b>0817 886 0</b>				
PUR O.I.	27	MAT9851457	(7x2.5+(2x0.75)C)C	20.0 10
<b>0817 887 9</b>				
PUR O.I.	27	MAT9851455	(7x2.5+(2x0.75)C)C	20.0 10
<b>0817 888 7</b>				
PUR O.I.	27	MAT9851458	(7x2.5+(2x0.75)C)C	20.0 10
<b>0817 948 4</b>				
PUR O.I.	27	MAT9851453	(7x2.5+(2x0.75)C)C	20.0 10

**Connection cable**

<b>1811 8119</b>				
PUR O.I.	27	MAT9851464	(7x1.5+(2x0.75)C)C	16.0 10

**SEW Control cables****Connection cable**

<b>0199 560x</b>				
PVC OIL	19	MAT9711401	3G1.0	6.5 6.8
PUR	21	MAT9811401	3G1.0	6.5 6.8
TPE F	25	MAT9911401	3G1.0	6.5 5

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\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>SEW Encoder cables</b>				
<b>Connection cable</b>				
<b>0198 9308</b>				
PUR M.I.	10	MAT9841404	(3x(2x0.25))C	7.5 7.5
<b>0199 3194</b>				
PUR M.I.	10	MAT9841401	(5x(2x0.25))C	8.5 7.5
<b>0199 4875</b>				
PVC	08	MAT9741401	(5x(2x0.25))C	8.0 10
<b>0595 1518</b>				
PVC	08	MAT9741408	(6x(2x0.25))C	8.5 10
PUR M.I.	10	MAT9841408	(6x(2x0.25))C	9.0 7.5
TPE H*	16	MAT9941408	(6x(2x0.25))C	10.0 6.8
<b>1332 4551</b>				
PVC	08	MAT9741403	(6x(2x0.25))C	8.5 10
PUR M.I.	10	MAT9841403	(6x(2x0.25))C	9.0 7.5
<b>1332 7437</b>				
PVC	08	MAT9741402	(5x(2x0.25))C	8.0 10
PUR M.I.	10	MAT9841402	(5x(2x0.25))C	8.5 7.5

**Extension cable**

<b>0199 5405</b>				
PVC	08	MAT9741406	(6x(2x0.25))C	8.5 10
PUR M.I.	10	MAT9841406	(6x(2x0.25))C	9.0 7.5
<b>0199 5413</b>				
PUR M.I.	10	MAT9841405	(5x(2x0.25))C	8.5 7.5
<b>0199 5421</b>				
PVC	08	MAT9741405	(5x(2x0.25))C	8.0 10
<b>0593 9682</b>				
PVC	08	MAT9741407	(5x(2x0.25))C	8.0 10
PUR M.I.	10	MAT9841407	(5x(2x0.25))C	8.5 7.5

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\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
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## Siemens Power cables

## Basic cable



## 6FX8002-5CN06

PVC M.I.	<b>01</b>	MAT9761554	(4G1.5)C	10.0	7.5
PUR O.I.	<b>06</b>	MAT98615122	(4G1.5)C	10.0	10
PUR M.I.	<b>07</b>	MAT98615123	(4G1.5)C	11.0	7.5
TPE F	<b>02</b>	MAT9961560	(4G1.5)C	10.0	7.5

## 6FX8002-5CN16

PVC M.I.	<b>01</b>	MAT9761559	(4G2.5)C	11.5	7.5
PUR O.I.	<b>06</b>	MAT98615108	(4G2.5)C	11.5	10
PUR M.I.	<b>07</b>	MAT98615107	(4G2.5)C	12.5	7.5
TPE F	<b>02</b>	MAT9961554	(4G2.5)C	11.5	7.5

## Basic cable



## 6FX8002-5CN26

PVC M.I.	<b>01</b>	MAT97515111	(4G1.5)C	10.0	7.5
PUR O.I.	<b>06</b>	MAT98515130	(4G1.5)C	10.0	10
TPE F	<b>02</b>	MAT98515131	(4G1.5)C	10.0	7.5

## 6FX8002-5CN36

PVC M.I.	<b>01</b>	MAT9761556	(4G2.5)C	11.5	7.5
PUR O.I.	<b>06</b>	MAT98615102	(4G2.5)C	11.5	10
PUR M.I.	<b>07</b>	MAT98615103	(4G2.5)C	12.5	7.5
TPE F	<b>02</b>	MAT9961552	(4G2.5)C	11.5	7.5

## 6FX8002-5CN46

PVC M.I.	<b>01</b>	MAT9761557	(4G4.0)C	13.0	7.5
PUR O.I.	<b>06</b>	MAT98615105	(4G4.0)C	13.0	10
TPE F	<b>02</b>	MAT9961553	(4G4.0)C	13.0	7.5

## 6FX8002-5CN56

PVC M.I.	<b>01</b>	MAT9761561	(4G6.0)C	16.0	7.5
PUR O.I.	<b>06</b>	MAT98615110	(4G6.0)C	15.0	10
TPE F	<b>02</b>	MAT9961555	(4G6.0)C	16.0	7.5

## Basic cable



## 6FX8002-5CS06

PVC M.I.	<b>01</b>	MAT9761568	(4G1.5)C	10.0	7.5
PUR O.I.	<b>06</b>	MAT98615120	(4G1.5)C	10.0	10
PUR M.I.	<b>07</b>	MAT98615121	(4G1.5)C	11.0	7.5
TPE F	<b>02</b>	MAT9961559	(4G1.5)C	10.0	7.5

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\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
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## Siemens Power cables

## Basic cable



## 6FX\_002-5CA01

PVC M.I.	<b>01</b>	MAT9150001	(4G1.5)C	10.0	7.5
PUR O.I.	<b>06</b>	MAT9861504	(4G1.5)C	10.0	10
TPE F	<b>02</b>	MAT9050001	(4G1.5)C	10.0	7.5

## 6FX\_002-5CA11

PVC M.I.	<b>01</b>	MAT9150002	(4G2.5)C	11.5	7.5
PUR O.I.	<b>06</b>	MAT9861505	(4G2.5)C	11.5	10
TPE F	<b>02</b>	MAT9050002	(4G2.5)C	11.5	7.5

## Basic cable



## 6FX\_002-5CA13

PVC M.I.	<b>01</b>	MAT9150009	(4G10)C	18.5	7.5
PUR O.I.	<b>06</b>	MAT9861524	(4G10)C	18.0	10
TPE F	<b>02</b>	MAT9050009	(4G10)C	18.5	7.5

## Basic cable



## 6FX\_002-5CA21

PVC M.I.	<b>01</b>	MAT9150003	(4G1.5)C	10.0	7.5
PUR O.I.	<b>06</b>	MAT9861506	(4G1.5)C	10.0	10
TPE F	<b>02</b>	MAT9050003	(4G1.5)C	10.0	7.5

## Basic cable



## 6FX\_002-5CA23

PVC M.I.	<b>01</b>	MAT9150008	(4G16)C	23.0	7.5
PUR O.I.	<b>06</b>	MAT9861511	(4G16)C	22.0	10
TPE F	<b>02</b>	MAT9050008	(4G16)C	23.0	7.5

## Basic cable



## 6FX\_002-5CA31

PVC M.I.	<b>01</b>	MAT9150004	(4G2.5)C	11.5	7.5
PUR O.I.	<b>06</b>	MAT9861507	(4G2.5)C	11.5	10
TPE F	<b>02</b>	MAT9050004	(4G2.5)C	11.5	7.5

## 6FX\_002-5CA41

PVC M.I.	<b>01</b>	MAT9150005	(4G4.0)C	13.0	7.5
PUR O.I.	<b>06</b>	MAT9861508	(4G4.0)C	13.0	10
TPE F	<b>02</b>	MAT9050005	(4G4.0)C	13.0	7.5

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.

igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core

\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915



\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
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## Siemens Power cables

## Basic cable



## 6FX\_002-5CA51

PVC M.I.	<b>01</b>	MAT9150006	(4G6.0)C	16.0	7.5
PUR O.I.	<b>06</b>	MAT9861509	(4G6.0)C	15.0	10
TPE F	<b>02</b>	MAT9050006	(4G6.0)C	16.0	7.5
<b>6FX_002-5CA61</b>					
PVC M.I.	<b>01</b>	MAT9150007	(4G10)C	18.5	7.5
PUR O.I.	<b>06</b>	MAT9861510	(4G10)C	18.0	10
TPE F	<b>02</b>	MAT9050007	(4G10)C	18.5	7.5

## Basic cable



## 6FX\_002-5CG01

PVC M.I.	<b>01</b>	MAT9761512	(4G1.5)C	10.0	7.5
PUR O.I.	<b>06</b>	MAT9861542	(4G1.5)C	10.0	10
PUR M.I.	<b>07</b>	MAT9861541	(4G1.5)C	11.0	7.5
TPE F	<b>02</b>	MAT9961512	(4G1.5)C	10.0	7.5

## Basic cable SpeedTec



## 6FX\_002-5CG10

PVC M.I.	<b>01</b>	MAT9761540	(4G1.5)C	10.0	7.5
PUR O.I.	<b>06</b>	MAT9861584	(4G1.5)C	10.0	10
PUR M.I.	<b>07</b>	MAT9861583	(4G1.5)C	11.0	7.5
TPE F	<b>02</b>	MAT9961540	(4G1.5)C	10.0	7.5

## Basic cable



## 6FX\_002-5CG11

PVC M.I.	<b>01</b>	MAT9761514	(4G2.5)C	11.5	7.5
PUR O.I.	<b>06</b>	MAT9861546	(4G2.5)C	11.5	10
PUR M.I.	<b>07</b>	MAT9861545	(4G2.5)C	12.5	7.5
TPE F	<b>02</b>	MAT9961514	(4G2.5)C	11.5	7.5

## Basic cable SpeedTec



## 6FX\_002-5CG12

PVC M.I.	<b>01</b>	MAT9761541	(4G2.5)C	11.5	7.5
PUR O.I.	<b>06</b>	MAT9861586	(4G2.5)C	11.5	10
PUR M.I.	<b>07</b>	MAT9861585	(4G2.5)C	12.5	7.5
TPE F	<b>02</b>	MAT9961541	(4G2.5)C	11.5	7.5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.

igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
 \* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
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## Siemens Power cables

## Basic cable



## 6FX\_002-5CG13

PVC M.I.	<b>01</b>	MAT9761520	(4G10)C	18.5	7.5
PUR O.I.	<b>06</b>	MAT9861553	(4G10)C	18.0	10
TPE F	<b>02</b>	MAT9961520	(4G10)C	18.5	7.5
<b>6FX_002-5CG21</b>					
PVC M.I.	<b>01</b>	MAT9761513	(4G1.5)C	10.0	7.5
PUR O.I.	<b>06</b>	MAT9861544	(4G1.5)C	10.0	10
PUR M.I.	<b>07</b>	MAT9861543	(4G1.5)C	11.0	7.5
TPE F	<b>02</b>	MAT9961513	(4G1.5)C	10.0	7.5

## Basic cable SpeedTec



## 6FX\_002-5CG22

PVC M.I.	<b>01</b>	MAT9761542	(4G1.5)C	10.0	7.5
PUR O.I.	<b>06</b>	MAT9861588	(4G1.5)C	10.0	10
PUR M.I.	<b>07</b>	MAT9861587	(4G1.5)C	11.0	7.5
TPE F	<b>02</b>	MAT9961542	(4G1.5)C	10.0	7.5

## Basic cable



## 6FX\_002-5CG23

PVC M.I.	<b>01</b>	MAT9761521	(4G16)C	23.0	7.5
PUR O.I.	<b>06</b>	MAT9861554	(4G16)C	22.0	10
TPE F	<b>02</b>	MAT9961521	(4G16)C	23.0	7.5

## 6FX\_002-5CG31

PVC M.I.	<b>01</b>	MAT9761516	(4G2.5)C	11.5	7.5
PUR O.I.	<b>06</b>	MAT9861549	(4G2.5)C	11.5	10
PUR M.I.	<b>07</b>	MAT9861548	(4G2.5)C	12.5	7.5
TPE F	<b>02</b>	MAT9961516	(4G2.5)C	11.5	7.5

## Basic cable SpeedTec



## 6FX\_002-5CG32

PVC M.I.	<b>01</b>	MAT9761543	(4G2.5)C	11.5	7.5
PUR O.I.	<b>06</b>	MAT9861590	(4G2.5)C	11.5	10
PUR M.I.	<b>07</b>	MAT9861589	(4G2.5)C	12.5	7.5
TPE F	<b>02</b>	MAT9961543	(4G2.5)C	11.5	7.5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.

igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
 \* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Siemens Power cables</b>				
<b>Basic cable</b>				
<b>6FX_002-5CG41</b>				
PVC M.I.	<b>01</b>	MAT9761517	(4G4.0)C	13.0 7.5
PUR O.I.	<b>06</b>	MAT9861550	(4G4.0)C	13.0 10
TPE F	<b>02</b>	MAT9961517	(4G4.0)C	13.0 7.5
<b>Basic cable SpeedTec</b>				
<b>6FX_002-5CG42</b>				
PVC M.I.	<b>01</b>	MAT9761544	(4G4.0)C	13.0 7.5
PUR O.I.	<b>06</b>	MAT9861591	(4G4.0)C	13.0 10
TPE F	<b>02</b>	MAT9961544	(4G4.0)C	13.0 7.5
<b>Basic cable</b>				
<b>6FX_002-5CG51</b>				
PVC M.I.	<b>01</b>	MAT9761518	(4G6.0)C	16.0 7.5
PUR O.I.	<b>06</b>	MAT9861551	(4G6.0)C	15.0 10
TPE F	<b>02</b>	MAT9961518	(4G6.0)C	16.0 7.5
<b>Basic cable SpeedTec</b>				
<b>6FX_002-5CG52</b>				
PVC M.I.	<b>01</b>	MAT9761545	(4G6.0)C	16.0 7.5
PUR O.I.	<b>06</b>	MAT9861592	(4G6.0)C	15.0 10
TPE F	<b>02</b>	MAT9961545	(4G6.0)C	16.0 7.5
<b>Basic cable</b>				
<b>6FX_002-5CG61</b>				
PVC M.I.	<b>01</b>	MAT9761519	(4G10)C	18.5 7.5
PUR O.I.	<b>06</b>	MAT9861552	(4G10)C	18.0 10
TPE F	<b>02</b>	MAT9961519	(4G10)C	18.5 7.5
<b>Basic cable SpeedTec</b>				
<b>6FX_002-5CG62</b>				
PVC M.I.	<b>01</b>	MAT9761546	(4G10)C	18.5 7.5
PUR O.I.	<b>06</b>	MAT9861593	(4G10)C	18.0 10
TPE F	<b>02</b>	MAT9961546	(4G10)C	18.5 7.5

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.  
igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Siemens Power cables</b>				
<b>Basic cable</b>				
<b>6FX_002-5CK01</b>				
PUR M.I.	<b>07</b>	MAT98615112	(4G0.75)C	9.5 7.5
TPE F	<b>02</b>	MAT9961556	(4G0.75)C	8.0 7.5
<b>Basic cable</b>				
<b>6FX_002-5CL01</b>				
PVC M.I.	<b>01</b>	MAT9761563	(4G1.5)C	10.0 7.5
PUR O.I.	<b>06</b>	MAT98615114	(4G1.5)C	10.0 10
PUR M.I.	<b>07</b>	MAT98615115	(4G1.5)C	11.0 7.5
TPE F	<b>02</b>	MAT9961557	(4G1.5)C	10.0 7.5
<b>Basic cable</b>				
<b>6FX_002-5CL02</b>				
PVC M.I.	<b>01</b>	MAT9761572	(4G1.5)C	10.0 7.5
PUR O.I.	<b>06</b>	MAT98615126	(4G1.5)C	10.0 10
PUR M.I.	<b>07</b>	MAT98615127	(4G1.5)C	11.0 7.5
TPE F	<b>02</b>	MAT9961563	(4G1.5)C	10.0 7.5
<b>Basic cable</b>				
<b>6FX_002-5CL12</b>				
PVC M.I.	<b>01</b>	MAT9761573	(4G2.5)C	11.5 7.5
PUR O.I.	<b>06</b>	MAT98615128	(4G2.5)C	11.5 10
PUR M.I.	<b>07</b>	MAT98615129	(4G2.5)C	12.5 7.5
TPE F	<b>02</b>	MAT9961564	(4G2.5)C	11.5 7.5
<b>Basic cable SpeedTec</b>				
<b>6FX_002-5CN01</b>				
PVC M.I.	<b>01</b>	MAT9761531	(4G1.5)C	10.0 7.5
<b>Basic cable SpeedTec</b>				
<b>6FX_002-5CN01</b>				
PUR O.I.	<b>06</b>	MAT9861571	(4G1.5)C	10.0 10
PUR M.I.	<b>07</b>	MAT9861570	(4G1.5)C	11.0 7.5
TPE F	<b>02</b>	MAT9961531	(4G1.5)C	10.0 7.5

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.  
igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

\* Technical information on the cable quality (Code **01-31**): ▶ Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Siemens Power cables</b>				
<b>Basic cable SpeedTec</b>				
<b>6FX_002-5CN11</b>				
PVC M.I.	<b>01</b>	MAT9761532	(4G2.5)C	11.5 7.5
PUR O.I.	<b>06</b>	MAT9861573	(4G2.5)C	11.5 10
PUR M.I.	<b>07</b>	MAT9861572	(4G2.5)C	12.5 7.5
TPE F	<b>02</b>	MAT9961532	(4G2.5)C	11.5 7.5
<b>6FX_002-5CN21</b>				
PVC M.I.	<b>01</b>	MAT9761533	(4G1.5)C	10.0 7.5
PUR O.I.	<b>06</b>	MAT9861575	(4G1.5)C	10.0 10
PUR M.I.	<b>07</b>	MAT9861574	(4G1.5)C	11.0 7.5
TPE F	<b>02</b>	MAT9961533	(4G1.5)C	10.0 7.5
<b>6FX_002-5CN31</b>				
PVC M.I.	<b>01</b>	MAT9761534	(4G2.5)C	11.5 7.5
PUR O.I.	<b>06</b>	MAT9861577	(4G2.5)C	11.5 10
PUR M.I.	<b>07</b>	MAT9861576	(4G2.5)C	12.5 7.5
TPE F	<b>02</b>	MAT9961534	(4G2.5)C	11.5 7.5
<b>6FX_002-5CN41</b>				
PVC M.I.	<b>01</b>	MAT9761535	(4G4.0)C	13.0 7.5
PUR O.I.	<b>06</b>	MAT9861578	(4G4.0)C	13.0 10
TPE F	<b>02</b>	MAT9961535	(4G4.0)C	13.0 7.5
<b>6FX_002-5CN51</b>				
PVC M.I.	<b>01</b>	MAT9761536	(4G6.0)C	16.0 7.5
PUR O.I.	<b>06</b>	MAT9861579	(4G6.0)C	15.0 10
TPE F	<b>02</b>	MAT9961536	(4G6.0)C	16.0 7.5

**Basic cable SpeedTec**

<b>6FX_002-5CN54</b>				
PVC M.I.	<b>01</b>	MAT9761537	(4G6.0)C	16.0 7.5
PUR O.I.	<b>06</b>	MAT9861580	(4G6.0)C	15.0 10
TPE F	<b>02</b>	MAT9961537	(4G6.0)C	16.0 7.5

**Basic cable SpeedTec**

<b>6FX_002-5CN61</b>				
PVC M.I.	<b>01</b>	MAT9761538	(4G10)C	18.5 7.5
PUR O.I.	<b>06</b>	MAT9861581	(4G10)C	18.0 10
TPE F	<b>02</b>	MAT9961538	(4G10)C	18.5 7.5

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.  
igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 915

\* Technical information on the cable quality (Code **01-31**): ▶ Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Siemens Power cables</b>				
<b>Basic cable SpeedTec</b>				
<b>6FX_002-5CN64</b>				
PVC M.I.	<b>01</b>	MAT9761539	(4G10)C	18.5 7.5
PUR O.I.	<b>06</b>	MAT9861582	(4G10)C	18.0 10
TPE F	<b>02</b>	MAT9961539	(4G10)C	18.5 7.5
<b>Basic cable SpeedTec</b>				
<b>6FX_002-5CQ01</b>				
PVC M.I.	<b>01</b>	MAT9761524	(4G1.5)C	10.0 7.5
PUR O.I.	<b>06</b>	MAT9861560	(4G1.5)C	10.0 10
PUR M.I.	<b>07</b>	MAT9861559	(4G1.5)C	11.0 7.5
TPE F	<b>02</b>	MAT9961524	(4G1.5)C	10.0 7.5
<b>6FX_002-5CQ11</b>				
PVC M.I.	<b>01</b>	MAT9761525	(4G2.5)C	11.5 7.5
PUR O.I.	<b>06</b>	MAT9861562	(4G2.5)C	11.5 10
PUR M.I.	<b>07</b>	MAT9861561	(4G2.5)C	12.5 7.5
TPE F	<b>02</b>	MAT9961525	(4G2.5)C	11.5 7.5
<b>6FX_002-5CQ21</b>				
PVC M.I.	<b>01</b>	MAT9761526	(4G1.5)C	10.0 7.5
PUR O.I.	<b>06</b>	MAT9861564	(4G1.5)C	10.0 10
PUR M.I.	<b>07</b>	MAT9861563	(4G1.5)C	11.0 7.5
TPE F	<b>02</b>	MAT9961526	(4G1.5)C	10.0 7.5
<b>6FX_002-5CQ31</b>				
PVC M.I.	<b>01</b>	MAT9761527	(4G2.5)C	11.5 7.5
PUR O.I.	<b>06</b>	MAT9861566	(4G2.5)C	11.5 10
PUR M.I.	<b>07</b>	MAT9861565	(4G2.5)C	12.5 7.5
TPE F	<b>02</b>	MAT9961527	(4G2.5)C	11.5 7.5
<b>6FX_002-5CQ41</b>				
PVC M.I.	<b>01</b>	MAT9761528	(4G4.0)C	13.0 7.5
PUR O.I.	<b>06</b>	MAT9861567	(4G4.0)C	13.0 10
TPE F	<b>02</b>	MAT9961528	(4G4.0)C	13.0 7.5
<b>6FX_002-5CQ51</b>				
PVC M.I.	<b>01</b>	MAT9761529	(4G6.0)C	16.0 7.5
PUR O.I.	<b>06</b>	MAT9861568	(4G6.0)C	15.0 10
TPE F	<b>02</b>	MAT9961529	(4G6.0)C	16.0 7.5
<b>6FX_002-5CQ61</b>				
PVC M.I.	<b>01</b>	MAT9761530	(4G10)C	18.5 7.5
PUR O.I.	<b>06</b>	MAT9861569	(4G10)C	18.0 10
TPE F	<b>02</b>	MAT9961530	(4G10)C	18.5 7.5

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.  
igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 915

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
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## Siemens Power cables

## Basic cable



## 6FX\_002-5CS01

PVC M.I.	<b>01</b>	MAT9150020	(4G1.5)C	10.0	7.5
PUR O.I.	<b>06</b>	MAT9861512	(4G1.5)C	10.0	10
PUR M.I.	<b>07</b>	MAT9861501	(4G1.5)C	11.0	7.5
TPE F	<b>02</b>	MAT9050020	(4G1.5)C	10.0	7.5

## Basic cable



## 6FX\_002-5CS02

PVC M.I.	<b>01</b>	MAT9761501	(4G1.5)C	10.0	7.5
PUR O.I.	<b>06</b>	MAT9861526	(4G1.5)C	10.0	10
PUR M.I.	<b>07</b>	MAT9861525	(4G1.5)C	11.0	7.5
TPE F	<b>02</b>	MAT9961501	(4G1.5)C	10.0	7.5

## Basic cable



## 6FX\_002-5CS11

PVC M.I.	<b>01</b>	MAT9761502	(4G2.5)C	11.5	7.5
PUR O.I.	<b>06</b>	MAT9861528	(4G2.5)C	11.5	10
PUR M.I.	<b>07</b>	MAT9861527	(4G2.5)C	12.5	7.5
TPE F	<b>02</b>	MAT9961502	(4G2.5)C	11.5	7.5

## Basic cable



## 6FX\_002-5CS12

PVC M.I.	<b>01</b>	MAT9761503	(4G2.5)C	11.5	7.5
PUR O.I.	<b>06</b>	MAT9861530	(4G2.5)C	11.5	10
PUR M.I.	<b>07</b>	MAT9861529	(4G2.5)C	12.5	7.5
TPE F	<b>02</b>	MAT9961503	(4G2.5)C	11.5	7.5

## Basic cable



## 6FX\_002-5CS13

PVC M.I.	<b>01</b>	MAT9761504	(4G10)C	18.5	7.5
PUR O.I.	<b>06</b>	MAT9861531	(4G10)C	18.0	10
TPE F	<b>02</b>	MAT9961504	(4G10)C	18.5	7.5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.

igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core

\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
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## Siemens Power cables

## 6FX\_002-5CS21

PVC M.I.	<b>01</b>	MAT9150021	(4G1.5)C	10.0	7.5
PUR O.I.	<b>06</b>	MAT9861513	(4G1.5)C	10.0	10
PUR M.I.	<b>07</b>	MAT9861502	(4G1.5)C	11.0	7.5
TPE F	<b>02</b>	MAT9050021	(4G1.5)C	10.0	7.5

## Basic cable



## 6FX\_002-5CS23

PVC M.I.	<b>01</b>	MAT9761515	(4G16)C	23.0	7.5
PUR O.I.	<b>06</b>	MAT9861547	(4G16)C	22.0	10
TPE F	<b>02</b>	MAT9961515	(4G16)C	23.0	7.5

## 6FX\_002-5CS24

PVC M.I.	<b>01</b>	MAT9761570	(4G16)C	23.0	7.5
PUR O.I.	<b>06</b>	MAT98615125	(4G16)C	22.0	10
TPE F	<b>02</b>	MAT9961561	(4G16)C	23.0	7.5
TPE H*	<b>03</b>	MAT9961562	(4G16)C	23.0	7.5

## Basic cable



## 6FX\_002-5CS31

PVC M.I.	<b>01</b>	MAT9150022	(4G2.5)C	11.5	7.5
PUR O.I.	<b>06</b>	MAT9861514	(4G2.5)C	11.5	10
PUR M.I.	<b>07</b>	MAT9861503	(4G2.5)C	12.5	7.5
TPE F	<b>02</b>	MAT9050022	(4G2.5)C	11.5	7.5

## 6FX\_002-5CS41

PVC M.I.	<b>01</b>	MAT9150023	(4G4.0)C	13.0	7.5
PUR O.I.	<b>06</b>	MAT9861533	(4G4.0)C	13.0	10
TPE F	<b>02</b>	MAT9050023	(4G4.0)C	13.0	7.5

## Basic cable



## 6FX\_002-5CS42

PVC M.I.	<b>01</b>	MAT9761506	(4G4.0)C	13.0	7.5
PUR O.I.	<b>06</b>	MAT9861534	(4G4.0)C	13.0	10
TPE F	<b>02</b>	MAT9961506	(4G4.0)C	13.0	7.5

## Basic cable



## 6FX\_002-5CS51

PVC M.I.	<b>01</b>	MAT9150024	(4G6.0)C	16.0	7.5
PUR O.I.	<b>06</b>	MAT9861535	(4G6.0)C	15.0	10
TPE F	<b>02</b>	MAT9050024	(4G6.0)C	16.0	7.5

\* Technical information on the cable quality (Code **01-31**): ▶ Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Siemens Power cables</b>				
<b>Basic cable</b>				
<b>6FX_002-5CS52</b>				
PVC M.I.	<b>01</b>	MAT9761507	(4G6.0)C	16.0 7.5
PUR O.I.	<b>06</b>	MAT9861536	(4G6.0)C	15.0 10
TPE F	<b>02</b>	MAT9961507	(4G6.0)C	16.0 7.5
<b>Basic cable</b>				
<b>6FX_002-5CS54</b>				
PVC M.I.	<b>01</b>	MAT9761508	(4G6.0)C	16.0 7.5
PUR O.I.	<b>06</b>	MAT9861537	(4G6.0)C	15.0 10
TPE F	<b>02</b>	MAT9961508	(4G6.0)C	16.0 7.5
<b>Basic cable</b>				
<b>6FX_002-5CS61</b>				
PVC M.I.	<b>01</b>	MAT9761509	(4G10)C	18.5 7.5
PUR O.I.	<b>06</b>	MAT9861538	(4G10)C	18.0 10
TPE F	<b>02</b>	MAT9961509	(4G10)C	18.5 7.5
<b>Basic cable</b>				
<b>6FX_002-5CS62</b>				
PVC M.I.	<b>01</b>	MAT9761510	(4G10)C	18.5 7.5
PUR O.I.	<b>06</b>	MAT9861539	(4G10)C	18.0 10
TPE F	<b>02</b>	MAT9961510	(4G10)C	18.5 7.5
<b>Basic cable</b>				
<b>6FX_002-5CS64</b>				
PVC M.I.	<b>01</b>	MAT9761511	(4G10)C	18.5 7.5
PUR O.I.	<b>06</b>	MAT9861540	(4G10)C	18.0 10
TPE F	<b>02</b>	MAT9961511	(4G10)C	18.5 7.5
<b>Extension cable</b>				
<b>6FX_002-5CA05</b>				
PVC M.I.	<b>01</b>	MAT9151001	(4G1.5)C	10.0 7.5
PUR O.I.	<b>06</b>	MAT9861515	(4G1.5)C	10.0 10
TPE F	<b>02</b>	MAT9051001	(4G1.5)C	10.0 7.5

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.  
igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 915

\* Technical information on the cable quality (Code **01-31**): ▶ Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Siemens Power cables</b>				
<b>6FX_002-5CA15</b>				
PVC M.I.	<b>01</b>	MAT9151002	(4G2.5)C	11.5 7.5
PUR O.I.	<b>06</b>	MAT9861516	(4G2.5)C	11.5 10
TPE F	<b>02</b>	MAT9051002	(4G2.5)C	11.5 7.5
<b>Extension cable</b>				
<b>6FX_002-5CA28</b>				
PVC M.I.	<b>01</b>	MAT9151003	(4G1.5)C	10.0 7.5
PUR O.I.	<b>06</b>	MAT9861517	(4G1.5)C	10.0 10
TPE F	<b>02</b>	MAT9051003	(4G1.5)C	10.0 7.5
<b>6FX_002-5CA38</b>				
PVC M.I.	<b>01</b>	MAT9151004	(4G2.5)C	11.5 7.5
PUR O.I.	<b>06</b>	MAT9861518	(4G2.5)C	11.5 10
TPE F	<b>02</b>	MAT9051004	(4G2.5)C	11.5 7.5
<b>6FX_002-5CA48</b>				
PVC M.I.	<b>01</b>	MAT9151005	(4G4.0)C	13.0 7.5
PUR O.I.	<b>06</b>	MAT9861519	(4G4.0)C	13.0 10
TPE F	<b>02</b>	MAT9051005	(4G4.0)C	13.0 7.5
<b>6FX_002-5CA58</b>				
PVC M.I.	<b>01</b>	MAT9151006	(4G6.0)C	16.0 7.5
PUR O.I.	<b>06</b>	MAT9861520	(4G6.0)C	15.0 10
TPE F	<b>02</b>	MAT9051006	(4G6.0)C	16.0 7.5
<b>6FX_002-5CA68</b>				
PVC M.I.	<b>01</b>	MAT9151007	(4G10)C	18.5 7.5
PUR O.I.	<b>06</b>	MAT9861521	(4G10)C	18.0 10
TPE F	<b>02</b>	MAT9051007	(4G10)C	18.5 7.5
<b>Extension cable SpeedTec</b>				
<b>6FX_002-5CN05</b>				
PVC M.I.	<b>01</b>	MAT9761522	(4G1.5)C	10.0 7.5
PUR O.I.	<b>06</b>	MAT9861556	(4G1.5)C	10.0 10
PUR M.I.	<b>07</b>	MAT9861555	(4G1.5)C	11.0 7.5
TPE F	<b>02</b>	MAT9961522	(4G1.5)C	10.0 7.5
<b>6FX_002-5CQ15</b>				
PVC M.I.	<b>01</b>	MAT9761523	(4G2.5)C	11.5 7.5
PUR O.I.	<b>06</b>	MAT9861558	(4G2.5)C	11.5 10
PUR M.I.	<b>07</b>	MAT9861557	(4G2.5)C	12.5 7.5
TPE F	<b>02</b>	MAT9961523	(4G2.5)C	11.5 7.5

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.  
igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 915

\* Technical information on the cable quality (Code **01-31**): ▶ Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
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## Siemens Power cables

## Extension cable SpeedTec



## 6FX\_002-5CQ28

PVC M.I.	01	MAT9761547	(4G1.5)C	10.0	7.5
PUR O.I.	06	MAT9861595	(4G1.5)C	10.0	10
PUR M.I.	07	MAT9861594	(4G1.5)C	11.0	7.5
TPE F	02	MAT9961547	(4G1.5)C	10.0	7.5

## Extension cable SpeedTec



## 6FX\_002-5CQ38

PVC M.I.	01	MAT9761548	(4G2.5)C	11.5	7.5
PUR O.I.	06	MAT9861597	(4G2.5)C	11.5	10
PUR M.I.	07	MAT9861596	(4G2.5)C	12.5	7.5
TPE F	02	MAT9961548	(4G2.5)C	11.5	7.5

## 6FX\_002-5CQ48

PVC M.I.	01	MAT9761549	(4G4.0)C	13.0	7.5
PUR O.I.	06	MAT9861598	(4G4.0)C	13.0	10
TPE F	02	MAT9961549	(4G4.0)C	13.0	7.5

## 6FX\_002-5CQ58

PVC M.I.	01	MAT9761550	(4G6.0)C	16.0	7.5
PUR O.I.	06	MAT9861599	(4G6.0)C	15.0	10
TPE F	02	MAT9961550	(4G6.0)C	16.0	7.5

## 6FX\_002-5CQ68

PVC M.I.	01	MAT9761551	(4G10)C	18.5	7.5
PUR O.I.	06	MAT98615100	(4G10)C	18.0	10
TPE F	02	MAT9961551	(4G10)C	18.5	7.5

## Extension cable



## 6FX\_002-5CX18

PVC M.I.	01	MAT9151009	(4G10)C	18.5	7.5
PUR O.I.	06	MAT9861522	(4G10)C	18.0	10
TPE F	02	MAT9051009	(4G10)C	18.5	7.5

## 6FX\_002-5CX28

PVC M.I.	01	MAT9151008	(4G16)C	23.0	7.5
PUR O.I.	06	MAT9861523	(4G16)C	22.0	10
TPE F	02	MAT9051008	(4G16)C	23.0	7.5

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.  
igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 915

\* Technical information on the cable quality (Code **01-31**): ▶ Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
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## Siemens Servo cables

## Basic cable



## 6FX\_002-5DA01

PVC O.I.	04	MAT9751501	(4G1.5+(2x1.5)C)	12.5	10
PVC M.I.	05	MAT9160001	(4G1.5+(2x1.5)C)	13.0	7.5
PUR O.I.	06	MAT9851501	(4G1.5+(2x1.5)C)	12.5	10
PUR M.I.	07	MAT9060001	(4G1.5+(2x1.5)C)	13.0	7.5

## 6FX\_002-5DA11

PVC O.I.	04	MAT9751502	(4G2.5+(2x1.5)C)C	14.0	10
PVC M.I.	05	MAT9160002	(4G2.5+(2x1.5)C)C	14.5	7.5
PUR O.I.	06	MAT9851502	(4G2.5+(2x1.5)C)C	14.0	10
PUR M.I.	07	MAT9060002	(4G2.5+(2x1.5)C)C	14.5	7.5

## Basic cable



## 6FX\_002-5DA21

PVC O.I.	04	MAT9751503	(4G1.5+(2x1.5)C)	12.5	10
PVC M.I.	05	MAT9160003	(4G1.5+(2x1.5)C)	13.0	7.5
PUR O.I.	06	MAT9851503	(4G1.5+(2x1.5)C)	12.5	10
PUR M.I.	07	MAT9060003	(4G1.5+(2x1.5)C)	13.0	7.5

## Basic cable



## 6FX\_002-5DA23

PVC M.I.	05	MAT9160008	(4G16+(2x1.5)C)C	25.0	7.5
PUR O.I.	06	MAT9851508	(4G16+(2x1.5)C)C	24.0	10
PUR M.I.	07	MAT9060008	(4G16+(2x1.5)C)C	24.0	7.5

## Basic cable



## 6FX\_002-5DA30

PVC O.I.	04	MAT97515127	(4G1.5+(2x1.5)C)	12.5	10
PUR O.I.	06	MAT98515151	(4G1.5+(2x1.5)C)	12.5	10

## Basic cable



## 6FX\_002-5DA31

PVC O.I.	04	MAT9751504	(4G2.5+(2x1.5)C)C	14.0	10
PVC M.I.	05	MAT9160004	(4G2.5+(2x1.5)C)C	14.5	7.5
PUR O.I.	06	MAT9851504	(4G2.5+(2x1.5)C)C	14.0	10
PUR M.I.	07	MAT9060004	(4G2.5+(2x1.5)C)C	14.5	7.5

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.  
igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 915

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Siemens Servo cables</b>				
<b>Basic cable</b>				
<b>6FX_002-5DA33</b>				
PVC M.I.	<b>05</b>	MAT9160009	(4G25+(2x1.5)C)C	30.0 7.5
PUR M.I.	<b>07</b>	MAT9060009	(4G25+(2x1.5)C)C	28.0 7.5
<b>Basic cable</b>				
<b>6FX_002-5DA41</b>				
PVC O.I.	<b>04</b>	MAT9751505	(4G4.0+(2x1.5)C)C	15.0 10
PVC M.I.	<b>05</b>	MAT9160005	(4G4.0+(2x1.5)C)C	16.0 7.5
PUR O.I.	<b>06</b>	MAT9851505	(4G4.0+(2x1.5)C)C	15.0 10
PUR M.I.	<b>07</b>	MAT9060005	(4G4.0+(2x1.5)C)C	16.0 7.5
<b>Basic cable</b>				
<b>6FX_002-5DA43</b>				
PVC M.I.	<b>05</b>	MAT9160010	(4G35+(2x1.5)C)C	33.5 7.5
PUR M.I.	<b>07</b>	MAT9060010	(4G35+(2x1.5)C)C	32.0 7.5
<b>Basic cable</b>				
<b>6FX_002-5DA51</b>				
PVC O.I.	<b>04</b>	MAT9751506	(4G6.0+(2x1.5)C)C	16.5 10
PVC M.I.	<b>05</b>	MAT9160006	(4G6.0+(2x1.5)C)C	18.0 7.5
PUR O.I.	<b>06</b>	MAT9851506	(4G6.0+(2x1.5)C)C	16.5 10
PUR M.I.	<b>07</b>	MAT9060006	(4G6.0+(2x1.5)C)C	17.5 7.5
<b>6FX_002-5DA61</b>				
PVC M.I.	<b>05</b>	MAT9160007	(4G10+(2x1.5)C)C	21.5 7.5
PUR O.I.	<b>06</b>	MAT9851507	(4G10+(2x1.5)C)C	21.0 10
PUR M.I.	<b>07</b>	MAT9060007	(4G10+(2x1.5)C)C	21.0 7.5
<b>Basic cable</b>				
<b>6FX_002-5DG01</b>				
PVC O.I.	<b>04</b>	MAT9751529	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	<b>05</b>	MAT9751528	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	<b>06</b>	MAT9851541	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	<b>07</b>	MAT9851540	(4G1.5+(2x1.5)C)	13.0 7.5

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.  
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\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Siemens Servo cables</b>				
<b>Basic cable SpeedTec</b>				
<b>6FX_002-5DG10</b>				
PVC O.I.	<b>04</b>	MAT9751589	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	<b>05</b>	MAT9751588	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	<b>06</b>	MAT98515107	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	<b>07</b>	MAT98515106	(4G1.5+(2x1.5)C)	13.0 7.5
<b>Basic cable</b>				
<b>6FX_002-5DG11</b>				
PVC O.I.	<b>04</b>	MAT9751533	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	<b>05</b>	MAT9751532	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR O.I.	<b>06</b>	MAT9851545	(4G2.5+(2x1.5)C)C	14.0 10
PUR M.I.	<b>07</b>	MAT9851544	(4G2.5+(2x1.5)C)C	14.5 7.5
<b>Basic cable SpeedTec</b>				
<b>6FX_002-5DG12</b>				
PVC O.I.	<b>04</b>	MAT9751593	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	<b>05</b>	MAT9751592	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR O.I.	<b>06</b>	MAT98515111	(4G2.5+(2x1.5)C)C	14.0 10
PUR M.I.	<b>07</b>	MAT98515110	(4G2.5+(2x1.5)C)C	14.5 7.5
<b>Basic cable</b>				
<b>6FX_002-5DG13</b>				
PVC M.I.	<b>05</b>	MAT9751541	(4G10+(2x1.5)C)C	21.5 7.5
PUR O.I.	<b>06</b>	MAT9851555	(4G10+(2x1.5)C)C	21.0 10
PUR M.I.	<b>07</b>	MAT9851554	(4G10+(2x1.5)C)C	21.0 7.5
<b>6FX_002-5DG21</b>				
PVC O.I.	<b>04</b>	MAT9751531	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	<b>05</b>	MAT9751530	(4G1.5+(2x1.5)C)	13.0 7.5
<b>Basic cable</b>				
<b>PUR O.I.</b>				
	<b>06</b>	MAT9851543	(4G1.5+(2x1.5)C)	12.5 10
<b>PUR M.I.</b>				
	<b>07</b>	MAT9851542	(4G1.5+(2x1.5)C)	13.0 7.5

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.  
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\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
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## Siemens Servo cables

## Basic cable SpeedTec



## 6FX\_002-5DG22

PVC O.I.	04	MAT9751591	(4G1.5+(2x1.5)C)	12.5	10
PVC M.I.	05	MAT9751590	(4G1.5+(2x1.5)C)	13.0	7.5
PUR O.I.	06	MAT98515109	(4G1.5+(2x1.5)C)	12.5	10
PUR M.I.	07	MAT98515108	(4G1.5+(2x1.5)C)	13.0	7.5

## Basic cable



## 6FX\_002-5DG23

PUR O.I.	06	MAT9851557	(4G16+(2x1.5)C)C	24.0	10
PUR M.I.	07	MAT9851556	(4G16+(2x1.5)C)C	24.0	7.5

## 6FX\_002-5DG31

PVC O.I.	04	MAT9751535	(4G2.5+(2x1.5)C)C	14.0	10
PVC M.I.	05	MAT9751534	(4G2.5+(2x1.5)C)C	14.5	7.5
PUR O.I.	06	MAT9851547	(4G2.5+(2x1.5)C)C	14.0	10
PUR M.I.	07	MAT9851546	(4G2.5+(2x1.5)C)C	14.5	7.5

## Basic cable SpeedTec



## 6FX\_002-5DG32

PVC O.I.	04	MAT9751595	(4G2.5+(2x1.5)C)C	14.0	10
PVC M.I.	05	MAT9751594	(4G2.5+(2x1.5)C)C	14.5	7.5
PUR O.I.	06	MAT98515113	(4G2.5+(2x1.5)C)C	14.0	10
PUR M.I.	07	MAT98515112	(4G2.5+(2x1.5)C)C	14.5	7.5

## Basic cable



## 6FX\_002-5DG33

PUR M.I.	07	MAT9851558	(4G25+(2x1.5)C)C	28.0	7.5
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## 6FX\_002-5DG41

PVC O.I.	04	MAT9751537	(4G4.0+(2x1.5)C)C	15.0	10
PVC M.I.	05	MAT9751536	(4G4.0+(2x1.5)C)C	16.0	7.5
PUR O.I.	06	MAT9851549	(4G4.0+(2x1.5)C)C	15.0	10
PUR M.I.	07	MAT9851548	(4G4.0+(2x1.5)C)C	16.0	7.5

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
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## Siemens Servo cables

## Basic cable SpeedTec



## 6FX\_002-5DG42

PVC O.I.	04	MAT9751597	(4G4.0+(2x1.5)C)C	15.0	10
PVC M.I.	05	MAT9751596	(4G4.0+(2x1.5)C)C	16.0	7.5
PUR O.I.	06	MAT98515115	(4G4.0+(2x1.5)C)C	15.0	10
PUR M.I.	07	MAT98515114	(4G4.0+(2x1.5)C)C	16.0	7.5

## Basic cable



## 6FX\_002-5DG43

PUR M.I.	07	MAT9851559	(4G35+(2x1.5)C)C	32.0	7.5
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## 6FX\_002-5DG51

PVC O.I.	04	MAT9751539	(4G6.0+(2x1.5)C)C	16.5	10
PVC M.I.	05	MAT9751538	(4G6.0+(2x1.5)C)C	18.0	7.5
PUR O.I.	06	MAT9851551	(4G6.0+(2x1.5)C)C	16.5	10
PUR M.I.	07	MAT9851550	(4G6.0+(2x1.5)C)C	17.5	7.5

## Basic cable SpeedTec



## 6FX\_002-5DG52

PVC O.I.	04	MAT9751599	(4G6.0+(2x1.5)C)C	16.5	10
PVC M.I.	05	MAT9751598	(4G6.0+(2x1.5)C)C	18.0	7.5
PUR O.I.	06	MAT98515117	(4G6.0+(2x1.5)C)C	16.5	10
PUR M.I.	07	MAT98515116	(4G6.0+(2x1.5)C)C	17.5	7.5

## Basic cable



## 6FX\_002-5DG61

PVC M.I.	05	MAT9751540	(4G10+(2x1.5)C)C	21.5	7.5
PUR O.I.	06	MAT9851553	(4G10+(2x1.5)C)C	21.0	10
PUR M.I.	07	MAT9851552	(4G10+(2x1.5)C)C	21.0	7.5

## Basic cable SpeedTec



## 6FX\_002-5DG62

PVC M.I.	05	MAT97515100	(4G10+(2x1.5)C)C	21.5	7.5
PUR O.I.	06	MAT98515119	(4G10+(2x1.5)C)C	21.0	10
PUR M.I.	07	MAT98515118	(4G10+(2x1.5)C)C	21.0	7.5

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915



\* Technical information on the cable quality (Code **01-31**): ▶ Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
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## Siemens Servo cables

## Basic cable SpeedTec



## 6FX\_002-5DN01

PVC O.I.	04	MAT9751571	(4G1.5+(2x1.5)C)	12.5	10
PVC M.I.	05	MAT9751570	(4G1.5+(2x1.5)C)	13.0	7.5
PUR O.I.	06	MAT9851589	(4G1.5+(2x1.5)C)	12.5	10
PUR M.I.	07	MAT9851588	(4G1.5+(2x1.5)C)	13.0	7.5

## Basic cable



## 6FX\_002-5DN06

PVC O.I.	04	MAT97515103	(4G1.5+(2x1.5)C)	12.5	10
PVC M.I.	05	MAT97515102	(4G1.5+(2x1.5)C)	13.0	7.5
PUR O.I.	06	MAT98515122	(4G1.5+(2x1.5)C)	12.5	10
PUR M.I.	07	MAT98515123	(4G1.5+(2x1.5)C)	13.0	7.5

## Basic cable SpeedTec



## 6FX\_002-5DN11

PVC O.I.	04	MAT9751573	(4G2.5+(2x1.5)C)C	14.0	10
PVC M.I.	05	MAT9751572	(4G2.5+(2x1.5)C)C	14.5	7.5
PUR O.I.	06	MAT9851591	(4G2.5+(2x1.5)C)C	14.0	10
PUR M.I.	07	MAT9851590	(4G2.5+(2x1.5)C)C	14.5	7.5

## Basic cable



## 6FX\_002-5DN16

PVC O.I.	04	MAT97515108	(4G2.5+(2x1.5)C)C	14.0	10
PVC M.I.	05	MAT97515109	(4G2.5+(2x1.5)C)C	14.5	7.5
PUR O.I.	06	MAT98515129	(4G2.5+(2x1.5)C)C	14.0	10
PUR M.I.	07	MAT98515128	(4G2.5+(2x1.5)C)C	14.5	7.5

## Basic cable SpeedTec



## 6FX\_002-5DN21

PVC O.I.	04	MAT9751575	(4G1.5+(2x1.5)C)	12.5	10
PVC M.I.	05	MAT9751574	(4G1.5+(2x1.5)C)	13.0	7.5
PUR O.I.	06	MAT9851593	(4G1.5+(2x1.5)C)	12.5	10
PUR M.I.	07	MAT9851592	(4G1.5+(2x1.5)C)	13.0	7.5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.

igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core

\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 915

\* Technical information on the cable quality (Code **01-31**): ▶ Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
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## Siemens Servo cables

## Basic cable



## 6FX\_002-5DN26

PVC O.I.	04	MAT97515125	(4G1.5+(2x1.5)C)	12.5	10
PVC M.I.	05	MAT97515126	(4G1.5+(2x1.5)C)	13.0	7.5
PUR O.I.	06	MAT98515145	(4G1.5+(2x1.5)C)	12.5	10
PUR M.I.	07	MAT98515146	(4G1.5+(2x1.5)C)	13.0	7.5

## Basic cable SpeedTec



## 6FX\_002-5DN27

PVC O.I.	04	MAT97515128	(4G1.5+(2x1.5)C)	12.5	10
PUR O.I.	06	MAT98515152	(4G1.5+(2x1.5)C)	12.5	10

## Basic cable



## 6FX\_002-5DN30

PVC O.I.	04	MAT9761566	(4G1.5+(2x1.5)C)	12.5	10
PVC M.I.	05	MAT98615117	(4G1.5+(2x1.5)C)	13.0	7.5
PUR O.I.	06	MAT9761565	(4G1.5+(2x1.5)C)	12.5	10
PUR M.I.	07	MAT98615116	(4G1.5+(2x1.5)C)	13.0	7.5

## Basic cable SpeedTec



## 6FX\_002-5DN31

PVC O.I.	04	MAT9751577	(4G2.5+(2x1.5)C)C	14.0	10
PVC M.I.	05	MAT9751576	(4G2.5+(2x1.5)C)C	14.5	7.5
PUR O.I.	06	MAT9851595	(4G2.5+(2x1.5)C)C	14.0	10
PUR M.I.	07	MAT9851594	(4G2.5+(2x1.5)C)C	14.5	7.5

## 6FX\_002-5DN41

PVC O.I.	04	MAT9751579	(4G4.0+(2x1.5)C)C	15.0	10
PVC M.I.	05	MAT9751578	(4G4.0+(2x1.5)C)C	16.0	7.5
PUR O.I.	06	MAT9851597	(4G4.0+(2x1.5)C)C	15.0	10
PUR M.I.	07	MAT9851596	(4G4.0+(2x1.5)C)C	16.0	7.5

## Basic cable



## 6FX\_002-5DN46

PVC O.I.	04	MAT97515113	(4G4.0+(2x1.5)C)C	15.0	10
PVC M.I.	05	MAT97515114	(4G4.0+(2x1.5)C)C	16.0	7.5
PUR O.I.	06	MAT98515133	(4G4.0+(2x1.5)C)C	15.0	10
PUR M.I.	07	MAT98515134	(4G4.0+(2x1.5)C)C	16.0	7.5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.

igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core

\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 915

\* Technical information on the cable quality (Code **01-31**): ▶ Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
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## Siemens Servo cables

## Basic cable SpeedTec



## 6FX\_002-5DN51

PVC O.I.	04	MAT9751581	(4G6.0+(2x1.5)C)C	16.5	10
PVC M.I.	05	MAT9751580	(4G6.0+(2x1.5)C)C	18.0	7.5
PUR O.I.	06	MAT9851599	(4G6.0+(2x1.5)C)C	16.5	10
PUR M.I.	07	MAT9851598	(4G6.0+(2x1.5)C)C	17.5	7.5

## Basic cable SpeedTec



## 6FX\_002-5DN54

PVC O.I.	04	MAT9751583	(4G6.0+(2x1.5)C)C	16.5	10
PVC M.I.	05	MAT9751582	(4G6.0+(2x1.5)C)C	18.0	7.5
PUR O.I.	06	MAT98515101	(4G6.0+(2x1.5)C)C	16.5	10
PUR M.I.	07	MAT98515100	(4G6.0+(2x1.5)C)C	17.5	7.5

## Basic cable



## 6FX\_002-5DN56

PVC O.I.	04	MAT97515119	(4G6.0+(2x1.5)C)C	16.5	10
PVC M.I.	05	MAT97515120	(4G6.0+(2x1.5)C)C	18.0	7.5
PUR O.I.	06	MAT98515139	(4G6.0+(2x1.5)C)C	16.5	10
PUR M.I.	07	MAT98515140	(4G6.0+(2x1.5)C)C	17.5	7.5

## Basic cable SpeedTec



## 6FX\_002-5DN61

PVC M.I.	05	MAT9751584	(4G10+(2x1.5)C)C	21.5	7.5
PUR O.I.	06	MAT98515103	(4G10+(2x1.5)C)C	21.0	10
PUR M.I.	07	MAT98515102	(4G10+(2x1.5)C)C	21.0	7.5

## Basic cable SpeedTec



## 6FX\_002-5DN64

PVC M.I.	05	MAT9751586	(4G10+(2x1.5)C)C	21.5	7.5
PUR O.I.	06	MAT98515105	(4G10+(2x1.5)C)C	21.0	10
PUR M.I.	07	MAT98515104	(4G10+(2x1.5)C)C	21.0	7.5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.  
igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 915

\* Technical information on the cable quality (Code **01-31**): ▶ Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
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## Siemens Servo cables

## Basic cable SpeedTec



## 6FX\_002-5DQ01

PVC O.I.	04	MAT9751557	(4G1.5+(2x1.5)C)	12.5	10
PVC M.I.	05	MAT9751556	(4G1.5+(2x1.5)C)	13.0	7.5
PUR O.I.	06	MAT9851575	(4G1.5+(2x1.5)C)	12.5	10
PUR M.I.	07	MAT9851574	(4G1.5+(2x1.5)C)	13.0	7.5

## 6FX\_002-5DQ11

PVC O.I.	04	MAT9751559	(4G2.5+(2x1.5)C)C	14.0	10
PVC M.I.	05	MAT9751558	(4G2.5+(2x1.5)C)C	14.5	7.5
PUR O.I.	06	MAT9851577	(4G2.5+(2x1.5)C)C	14.0	10
PUR M.I.	07	MAT9851576	(4G2.5+(2x1.5)C)C	14.5	7.5

## 6FX\_002-5DQ21

PVC O.I.	04	MAT9751561	(4G1.5+(2x1.5)C)	12.5	10
PVC M.I.	05	MAT9751560	(4G1.5+(2x1.5)C)	13.0	7.5
PUR O.I.	06	MAT9851579	(4G1.5+(2x1.5)C)	12.5	10
PUR M.I.	07	MAT9851578	(4G1.5+(2x1.5)C)	13.0	7.5

## 6FX\_002-5DQ31

PVC O.I.	04	MAT9751563	(4G2.5+(2x1.5)C)C	14.0	10
PVC M.I.	05	MAT9751562	(4G2.5+(2x1.5)C)C	14.5	7.5
PUR O.I.	06	MAT9851581	(4G2.5+(2x1.5)C)C	14.0	10
PUR M.I.	07	MAT9851580	(4G2.5+(2x1.5)C)C	14.5	7.5

## 6FX\_002-5DQ41

PVC O.I.	04	MAT9751565	(4G4.0+(2x1.5)C)C	15.0	10
PVC M.I.	05	MAT9751564	(4G4.0+(2x1.5)C)C	16.0	7.5
PUR O.I.	06	MAT9851583	(4G4.0+(2x1.5)C)C	15.0	10
PUR M.I.	07	MAT9851582	(4G4.0+(2x1.5)C)C	16.0	7.5

## 6FX\_002-5DQ51

PVC O.I.	04	MAT9751567	(4G6.0+(2x1.5)C)C	16.5	10
PVC M.I.	05	MAT9751566	(4G6.0+(2x1.5)C)C	18.0	7.5
PUR O.I.	06	MAT9851585	(4G6.0+(2x1.5)C)C	16.5	10
PUR M.I.	07	MAT9851584	(4G6.0+(2x1.5)C)C	17.5	7.5

## 6FX\_002-5DQ61

PVC M.I.	05	MAT9751568	(4G10+(2x1.5)C)C	21.5	7.5
PUR O.I.	06	MAT9851587	(4G10+(2x1.5)C)C	21.0	10
PUR M.I.	07	MAT9851586	(4G10+(2x1.5)C)C	21.0	7.5

## Basic cable



## 6FX\_002-5DS01

PVC O.I.	04	MAT9751507	(4G1.5+(2x1.5)C)	12.5	10
PVC M.I.	05	MAT9160020	(4G1.5+(2x1.5)C)	13.0	7.5
PUR O.I.	06	MAT9851509	(4G1.5+(2x1.5)C)	12.5	10
PUR M.I.	07	MAT9060020	(4G1.5+(2x1.5)C)	13.0	7.5

\* Technical information on the cable quality (Code **01-31**): ▶ Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
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## Siemens Servo cables

## Basic cable



## 6FX\_002-5DS06

PVC O.I.	04	MAT97515105	(4G1.5+(2x1.5)C)	12.5	10
PVC M.I.	05	MAT97515104	(4G1.5+(2x1.5)C)	13.0	7.5
PUR O.I.	06	MAT98515124	(4G1.5+(2x1.5)C)	12.5	10
PUR M.I.	07	MAT98515125	(4G1.5+(2x1.5)C)	13.0	7.5

## Basic cable



## 6FX\_002-5DS11

PVC O.I.	04	MAT97515116	(4G2.5+(2x1.5)C)C	14.0	10
PVC M.I.	05	MAT97515115	(4G2.5+(2x1.5)C)C	14.5	7.5
PUR O.I.	06	MAT9851523	(4G2.5+(2x1.5)C)C	14.0	10
PUR M.I.	07	MAT9851522	(4G2.5+(2x1.5)C)C	14.5	7.5

## 6FX\_002-5DS13

PVC M.I.	05	MAT97515117	(4G10+(2x1.5)C)C	21.5	7.5
PUR O.I.	06	MAT9851525	(4G10+(2x1.5)C)C	21.0	10
PUR M.I.	07	MAT9851524	(4G10+(2x1.5)C)C	21.0	7.5

## 6FX\_002-5DS21

PVC O.I.	04	MAT97515108	(4G1.5+(2x1.5)C)	12.5	10
PVC M.I.	05	MAT9160021	(4G1.5+(2x1.5)C)	13.0	7.5
PUR O.I.	06	MAT98515110	(4G1.5+(2x1.5)C)	12.5	10
PUR M.I.	07	MAT9060021	(4G1.5+(2x1.5)C)	13.0	7.5

## Basic cable



## 6FX\_002-5DS23

PUR O.I.	06	MAT9851527	(4G16+(2x1.5)C)C	24.0	10
PUR M.I.	07	MAT9851526	(4G16+(2x1.5)C)C	24.0	7.5

## 6FX\_002-5DS33

PUR M.I.	07	MAT9851532	(4G25+(2x1.5)C)C	28.0	7.5
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## Basic cable



## 6FX\_002-5DS36

PVC O.I.	04	MAT97515107	(4G2.5+(2x1.5)C)C	14.0	10
PVC M.I.	05	MAT97515106	(4G2.5+(2x1.5)C)C	14.5	7.5
PUR O.I.	06	MAT98515127	(4G2.5+(2x1.5)C)C	14.0	10
PUR M.I.	07	MAT98515126	(4G2.5+(2x1.5)C)C	14.5	7.5

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 915

\* Technical information on the cable quality (Code **01-31**): ▶ Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
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## Siemens Servo cables

## Basic cable



## 6FX\_002-5DS41

PVC O.I.	04	MAT9751522	(4G4.0+(2x1.5)C)C	15.0	10
PVC M.I.	05	MAT9751521	(4G4.0+(2x1.5)C)C	16.0	7.5
PUR O.I.	06	MAT9851531	(4G4.0+(2x1.5)C)C	15.0	10
PUR M.I.	07	MAT9851530	(4G4.0+(2x1.5)C)C	16.0	7.5

## Basic cable



## 6FX\_002-5DS43

PUR M.I.	07	MAT9851533	(4G35+(2x1.5)C)C	32.0	7.5
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## Basic cable



## 6FX\_002-5DS51

PVC O.I.	04	MAT9751524	(4G6.0+(2x1.5)C)C	16.5	10
PVC M.I.	05	MAT9751523	(4G6.0+(2x1.5)C)C	18.0	7.5
PUR O.I.	06	MAT9851535	(4G6.0+(2x1.5)C)C	16.5	10
PUR M.I.	07	MAT9851534	(4G6.0+(2x1.5)C)C	17.5	7.5

## Basic cable



## 6FX\_002-5DS54

PVC O.I.	04	MAT9751526	(4G6.0+(2x1.5)C)C	16.5	10
PVC M.I.	05	MAT9751525	(4G6.0+(2x1.5)C)C	18.0	7.5
PUR O.I.	06	MAT9851537	(4G6.0+(2x1.5)C)C	16.5	10
PUR M.I.	07	MAT9851536	(4G6.0+(2x1.5)C)C	17.5	7.5

## Basic cable



## 6FX\_002-5DS61

PVC M.I.	05	MAT9160022	(4G10+(2x1.5)C)C	21.5	7.5
PUR O.I.	06	MAT9851511	(4G10+(2x1.5)C)C	21.0	10
PUR M.I.	07	MAT9060022	(4G10+(2x1.5)C)C	21.0	7.5

## Basic cable



## 6FX\_002-5DS64

PVC M.I.	05	MAT9751527	(4G10+(2x1.5)C)C	21.5	7.5
PUR O.I.	06	MAT9851539	(4G10+(2x1.5)C)C	21.0	10
PUR M.I.	07	MAT9851538	(4G10+(2x1.5)C)C	21.0	7.5

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 915

\* Technical information on the cable quality (Code **01-31**): ▶ Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
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## Siemens Servo cables

## Extension cable



## 6FX\_002-5DA05

PVC O.I.	<b>04</b>	MAT9751509	(4G1.5+(2x1.5)C)	12.5	10
PVC M.I.	<b>05</b>	MAT9161001	(4G1.5+(2x1.5)C)	13.0	7.5
PUR O.I.	<b>06</b>	MAT9851512	(4G1.5+(2x1.5)C)	12.5	10
PUR M.I.	<b>07</b>	MAT9061001	(4G1.5+(2x1.5)C)	13.0	7.5

## 6FX\_002-5DA15

PVC O.I.	<b>04</b>	MAT9751510	(4G2.5+(2x1.5)C)C	14.0	10
PVC M.I.	<b>05</b>	MAT9161002	(4G2.5+(2x1.5)C)C	14.5	7.5
PUR O.I.	<b>06</b>	MAT9851513	(4G2.5+(2x1.5)C)C	14.0	10
PUR M.I.	<b>07</b>	MAT9061002	(4G2.5+(2x1.5)C)C	14.5	7.5

## Extension cable



## 6FX\_002-5DA28

PVC O.I.	<b>04</b>	MAT9751511	(4G1.5+(2x1.5)C)	12.5	10
PVC M.I.	<b>05</b>	MAT9161003	(4G1.5+(2x1.5)C)	13.0	7.5
PUR O.I.	<b>06</b>	MAT9851514	(4G1.5+(2x1.5)C)	12.5	10
PUR M.I.	<b>07</b>	MAT9061003	(4G1.5+(2x1.5)C)	13.0	7.5

## 6FX\_002-5DA38

PVC O.I.	<b>04</b>	MAT9751512	(4G2.5+(2x1.5)C)C	14.0	10
PVC M.I.	<b>05</b>	MAT9161004	(4G2.5+(2x1.5)C)C	14.5	7.5
PUR O.I.	<b>06</b>	MAT9851515	(4G2.5+(2x1.5)C)C	14.0	10
PUR M.I.	<b>07</b>	MAT9061004	(4G2.5+(2x1.5)C)C	14.5	7.5

## 6FX\_002-5DA48

PVC O.I.	<b>04</b>	MAT9751513	(4G4.0+(2x1.5)C)C	15.0	10
PVC M.I.	<b>05</b>	MAT9161005	(4G4.0+(2x1.5)C)C	16.0	7.5
PUR O.I.	<b>06</b>	MAT9851516	(4G4.0+(2x1.5)C)C	15.0	10
PUR M.I.	<b>07</b>	MAT9061005	(4G4.0+(2x1.5)C)C	16.0	7.5

## Extension cable



## 6FX\_002-5DA58

PVC O.I.	<b>04</b>	MAT9751514	(4G6.0+(2x1.5)C)C	16.5	10
PVC M.I.	<b>05</b>	MAT9161006	(4G6.0+(2x1.5)C)C	18.0	7.5
PUR O.I.	<b>06</b>	MAT9851517	(4G6.0+(2x1.5)C)C	16.5	10
PUR M.I.	<b>07</b>	MAT9061006	(4G6.0+(2x1.5)C)C	17.5	7.5

## 6FX\_002-5DA68

PVC M.I.	<b>05</b>	MAT9161007	(4G10+(2x1.5)C)C	21.5	7.5
PUR O.I.	<b>06</b>	MAT9851518	(4G10+(2x1.5)C)C	21.0	10
PUR M.I.	<b>07</b>	MAT9061007	(4G10+(2x1.5)C)C	21.0	7.5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.

igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
 \* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 915

\* Technical information on the cable quality (Code **01-31**): ▶ Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
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## Siemens Servo cables

## Extension cable SpeedTec



## 6FX\_002-5DN05

PVC O.I.	<b>04</b>	MAT9751544	(4G1.5+(2x1.5)C)	12.5	10
PVC M.I.	<b>05</b>	MAT9751543	(4G1.5+(2x1.5)C)	13.0	7.5
PUR O.I.	<b>06</b>	MAT9851561	(4G1.5+(2x1.5)C)	12.5	10
PUR M.I.	<b>07</b>	MAT9851560	(4G1.5+(2x1.5)C)	13.0	7.5

## 6FX\_002-5DN15

PVC O.I.	<b>04</b>	MAT9751546	(4G2.5+(2x1.5)C)C	14.0	10
PVC M.I.	<b>05</b>	MAT9751545	(4G2.5+(2x1.5)C)C	14.5	7.5
PUR O.I.	<b>06</b>	MAT9851563	(4G2.5+(2x1.5)C)C	14.0	10
PUR M.I.	<b>07</b>	MAT9851562	(4G2.5+(2x1.5)C)C	14.5	7.5

## 6FX\_002-5DQ15

PVC O.I.	<b>04</b>	MAT97515122	(4G2.5+(2x1.5)C)C	14.0	10
PVC M.I.	<b>05</b>	MAT97515123	(4G2.5+(2x1.5)C)C	14.5	7.5
PUR O.I.	<b>06</b>	MAT98515142	(4G2.5+(2x1.5)C)C	14.0	10
PUR M.I.	<b>07</b>	MAT98515143	(4G2.5+(2x1.5)C)C	14.5	7.5

## 6FX\_002-5DQ28

PVC O.I.	<b>04</b>	MAT9751548	(4G1.5+(2x1.5)C)	12.5	10
PVC M.I.	<b>05</b>	MAT9751547	(4G1.5+(2x1.5)C)	13.0	7.5
PUR O.I.	<b>06</b>	MAT9851565	(4G1.5+(2x1.5)C)	12.5	10
PUR M.I.	<b>07</b>	MAT9851564	(4G1.5+(2x1.5)C)	13.0	7.5

## 6FX\_002-5DQ38

PVC O.I.	<b>04</b>	MAT9751550	(4G2.5+(2x1.5)C)C	14.0	10
PVC M.I.	<b>05</b>	MAT9751549	(4G2.5+(2x1.5)C)C	14.5	7.5
PUR O.I.	<b>06</b>	MAT9851567	(4G2.5+(2x1.5)C)C	14.0	10
PUR M.I.	<b>07</b>	MAT9851566	(4G2.5+(2x1.5)C)C	14.5	7.5

## 6FX\_002-5DQ48

PVC O.I.	<b>04</b>	MAT9751552	(4G4.0+(2x1.5)C)C	15.0	10
PVC M.I.	<b>05</b>	MAT9751551	(4G4.0+(2x1.5)C)C	16.0	7.5
PUR O.I.	<b>06</b>	MAT9851569	(4G4.0+(2x1.5)C)C	15.0	10
PUR M.I.	<b>07</b>	MAT9851568	(4G4.0+(2x1.5)C)C	16.0	7.5

## 6FX\_002-5DQ58

PVC O.I.	<b>04</b>	MAT9751554	(4G6.0+(2x1.5)C)C	16.5	10
PVC M.I.	<b>05</b>	MAT9751553	(4G6.0+(2x1.5)C)C	18.0	7.5
PUR O.I.	<b>06</b>	MAT9851571	(4G6.0+(2x1.5)C)C	16.5	10
PUR M.I.	<b>07</b>	MAT9851570	(4G6.0+(2x1.5)C)C	17.5	7.5

## 6FX\_002-5DQ68

PVC M.I.	<b>05</b>	MAT9751555	(4G10+(2x1.5)C)C	21.5	7.5
PUR O.I.	<b>06</b>	MAT9851573	(4G10+(2x1.5)C)C	21.0	10
PUR M.I.	<b>07</b>	MAT9851572	(4G10+(2x1.5)C)C	21.0	7.5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.

igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
 \* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 915

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Siemens Servo cables</b>				
<b>Extension cable</b>				
<b>6FX_002-5DX18</b>				
PVC M.I.	05	MAT9161011	(4G10+(2x1.5)C)C	21.5 7.5
PUR O.I.	06	MAT9851520	(4G10+(2x1.5)C)C	21.0 10
PUR M.I.	07	MAT9061011	(4G10+(2x1.5)C)C	21.0 7.5
<b>6FX_002-5DX28</b>				
PVC M.I.	05	MAT9161008	(4G16+(2x1.5)C)C	25.0 7.5
PUR O.I.	06	MAT9851519	(4G16+(2x1.5)C)C	24.0 10
PUR M.I.	07	MAT9061008	(4G16+(2x1.5)C)C	24.0 7.5
<b>6FX_002-5DX38</b>				
PVC M.I.	05	MAT9161009	(4G25+(2x1.5)C)C	30.0 7.5
PUR M.I.	07	MAT9061009	(4G25+(2x1.5)C)C	28.0 7.5
<b>6FX_002-5DX48</b>				
PVC M.I.	05	MAT9161010	(4G35+(2x1.5)C)C	33.5 7.5
PUR M.I.	07	MAT9061010	(4G35+(2x1.5)C)C	32.0 7.5



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**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.  
igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Siemens Hybrid servo cables</b>				
<b>Basic cable</b>				
<b>6FX_002-8QN04</b>				
PUR O.I.	27	MAT98515147	(4G0,34+(2x0,34)C)+(4xAWG26)C)C	10.0 10
<b>Basic cable</b>				
<b>6FX_002-8QN08</b>				
PUR O.I.	27	MAT98515148	(4G0,75+(2x0,5)C)+(4xAWG26)C)C	11.0 10
<b>Basic cable</b>				
<b>6FX_002-8QN11</b>				
PUR O.I.	27	MAT98515153	(4G1,5+(2x1,5)C)+(4xAWG26)C)C	13.0 10
<b>6FX_002-8QN21</b>				
PUR O.I.	27	MAT98515154	(4G2,5+(2x1,5)C)+(4xAWG26)C)C	14.5 10
<b>Extension cable</b>				
<b>6FX_002-8QE04</b>				
PUR O.I.	27	MAT98515149	(4G0,34+(2x0,34)C)+(4xAWG26)C)C	10.0 10
<b>Extension cable</b>				
<b>6FX_002-8QE08</b>				
PUR O.I.	27	MAT98515150	(4G0,75+(2x0,5)C)+(4xAWG26)C)C	11.0 10
<b>Extension cable</b>				
<b>6FX_002-8QE11</b>				
PUR O.I.	27	MAT98515155	(4G1,5+(2x1,5)C)+(4xAWG26)C)C	13.0 10
<b>6FX_002-8QE21</b>				
PUR O.I.	27	MAT98515156	(4G2,5+(2x1,5)C)+(4xAWG26)C)C	14.5 10



**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.  
igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

\* Technical information on the cable quality (Code **01-31**): ▶ Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
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## Siemens Signal cables

## Basic cable



## 6FX8002-2CF20

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
PVC	08	MAT9741518	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	9.0 10
PUR O.I.	09	MAT9841563	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	9.5 10
PUR M.I.	10	MAT9841564	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	10.0 7.5
TPE H*	11	MAT9941505	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	10.0 6.8

## Basic cable



## 6FX8002-2CQ31

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
PVC	08	MAT9741514	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	10.0 10
PUR O.I.	09	MAT9841557	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	10.0 10
PUR M.I.	10	MAT9841558	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	11.0 7.5
TPE H*	11	MAT9941503	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	10.5 6.8

## Basic cable



## 6FX8002-2DC40

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
PVC	08	MAT9741520	(2x(2x0.15)+(2x0.38))C	7.5 10
PUR O.I.	09	MAT9841566	(2x(2x0.15)+(2x0.38))C	7.5 10
PUR M.I.	10	MAT9841567	(2x(2x0.20)+(2x0.38))C	7.5 7.5

## Basic cable



## 6FX8002-2DC42

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
PVC	08	MAT9741522	(2x(2x0.15)+(2x0.38))C	7.5 10
PUR O.I.	09	MAT9841569	(2x(2x0.15)+(2x0.38))C	7.5 10
PUR M.I.	10	MAT9841570	(2x(2x0.20)+(2x0.38))C	7.5 7.5

## Basic cable



## 6FX\_002-1DC00

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
PVC	08	MAT9741506	(2x(2x0.15)+(2x0.38))C	7.5 10
PUR O.I.	09	MAT9841532	(2x(2x0.15)+(2x0.38))C	7.5 10
PUR M.I.	10	MAT9070032	(2x(2x0.20)+(2x0.38))C	7.5 7.5

## Basic cable



## 6FX\_002-2AD00

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
PVC	08	MAT9170001	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	9.0 10
PUR M.I.	10	MAT9841501	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	10.0 7.5
TPE H*	11	MAT9070001	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	10.0 6.8

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.

igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 915

\* Technical information on the cable quality (Code **01-31**): ▶ Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
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## Siemens Signal cables

## Basic cable



## 6FX\_002-2AH00

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
PVC	08	MAT9170018	(4x(2x0.34)+4x0.5)C	9.5 10
PUR M.I.	10	MAT9841518	(4x(2x0.34)+4x0.5)C	10.0 7.5
TPE H*	11	MAT9070018	(4x(2x0.34)+4x0.5)C	10.0 6.8

## Basic cable



## 6FX\_002-2AH11

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
PVC	08	MAT9741526	(4x(2x0.34)+4x0.5)C	9.5 10
PUR O.I.	09	MAT98415104	(4x(2x0.34)+4x0.5)C	9.5 10
PUR M.I.	10	MAT98415105	(4x(2x0.34)+4x0.5)C	10.0 7.5
TPE H*	11	MAT9941507	(4x(2x0.34)+4x0.5)C	10.0 6.8

## Basic cable



## 6FX\_002-2CA11

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
PVC	08	MAT9170002	(4x(2x0.34)+4x0.5)C	9.5 10
PUR M.I.	10	MAT9841502	(4x(2x0.34)+4x0.5)C	10.0 7.5
TPE H*	11	MAT9070002	(4x(2x0.34)+4x0.5)C	10.0 6.8

## Basic cable



## 6FX\_002-2CA15

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
PVC	08	MAT9170003	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	9.0 10
PUR M.I.	10	MAT9841503	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	10.0 7.5
TPE H*	11	MAT9070003	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	10.0 6.8

## Basic cable



## 6FX\_002-2CA31

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
PVC	08	MAT9170004	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	10.0 10
PUR M.I.	10	MAT9841504	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	11.0 7.5
TPE H*	11	MAT9070004	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	10.5 6.8

## Basic cable



## 6FX\_002-2CA51

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
PVC	08	MAT9170005	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	9.0 10
PUR M.I.	10	MAT9841505	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	10.0 7.5
TPE H*	11	MAT9070005	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	10.0 6.8

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.

igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 915

\* Technical information on the cable quality (Code **01-31**): ▶ Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Siemens Signal cables</b>				
<b>Basic cable</b>				
<b>6FX_002-2CA71</b>				
PVC	08	MAT9170006	(4x(2x0.34)+4x0.5)C	9.5 10
PUR M.I.	10	MAT9841506	(4x(2x0.34)+4x0.5)C	10.0 7.5
TPE H*	11	MAT9070006	(4x(2x0.34)+4x0.5)C	10.0 6.8
<b>Basic cable</b>				
<b>6FX_002-2CB31</b>				
PUR	13	MAT9841507	(14x0.25)C	8.0 10
TPE H*	24	MAT9070007	(12x0.25)C	9.5 5
<b>6FX_002-2CB51</b>				
PVC	08	MAT9170008	(4x(2x0.34)+4x0.5)C	9.5 10
PUR M.I.	10	MAT9841508	(4x(2x0.34)+4x0.5)C	10.0 7.5
TPE H*	11	MAT9070008	(4x(2x0.34)+4x0.5)C	10.0 6.8
<b>6FX_002-2CC11</b>				
PVC	08	MAT9170009	(4x(2x0.34)+4x0.5)C	9.5 10
PUR M.I.	10	MAT9841509	(4x(2x0.34)+4x0.5)C	10.0 7.5
TPE H*	11	MAT9070009	(4x(2x0.34)+4x0.5)C	10.0 6.8
<b>6FX_002-2CD01</b>				
PVC	08	MAT9170010	(4x(2x0.34)+4x0.5)C	9.5 10
PUR M.I.	10	MAT9841510	(4x(2x0.34)+4x0.5)C	10.0 7.5
TPE H*	11	MAT9070010	(4x(2x0.34)+4x0.5)C	10.0 6.8
<b>Basic cable</b>				
<b>6FX_002-2CF01</b>				
PVC	08	MAT9170021	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	9.0 10
PUR M.I.	10	MAT9841519	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	10.0 7.5
TPE H*	11	MAT9070021	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	10.0 6.8
<b>6FX_002-2CF02</b>				
PVC	08	MAT9170011	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	9.0 10
PUR M.I.	10	MAT9841511	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	10.0 7.5
TPE H*	11	MAT9070011	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	10.0 6.8
<b>6FX_002-2CG00</b>				
PVC	08	MAT9170012	(4x(2x0.34)+4x0.5)C	9.5 10
PUR M.I.	10	MAT9841512	(4x(2x0.34)+4x0.5)C	10.0 7.5
TPE H*	11	MAT9070012	(4x(2x0.34)+4x0.5)C	10.0 6.8

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.  
igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 915

\* Technical information on the cable quality (Code **01-31**): ▶ Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Siemens Signal cables</b>				
<b>Basic cable</b>				
<b>6FX_002-2CH00</b>				
PVC	08	MAT9170013	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	9.0 10
PUR M.I.	10	MAT9841513	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	10.0 7.5
TPE H*	11	MAT9070013	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	10.0 6.8
<b>Basic cable</b>				
<b>6FX_002-2CK00</b>				
PVC	08	MAT9170014	(3x(2x0.14)C+2x(0.5)C)C	9.5 10
PUR M.I.	10	MAT9841514	(3x(2x0.14)C+2x(0.5)C)C	10.0 7.5
TPE H*	11	MAT9070014	(3x(2x0.14)C+2x(0.5)C)C	10.0 6.8
<b>6FX_002-2CL00</b>				
PVC	08	MAT9170015	(3x(2x0.14)C+2x(0.5)C)C	9.5 10
PUR M.I.	10	MAT9841515	(3x(2x0.14)C+2x(0.5)C)C	10.0 7.5
TPE H*	11	MAT9070015	(3x(2x0.14)C+2x(0.5)C)C	10.0 6.8
<b>Basic cable</b>				
<b>6FX_002-2CR00</b>				
PVC	08	MAT9741524	(4x(2x0.34)+4x0.5)C	9.5 10
PUR O.I.	09	MAT98415101	(4x(2x0.34)+4x0.5)C	9.5 10
PUR M.I.	10	MAT98415102	(4x(2x0.34)+4x0.5)C	10.0 7.5
TPE H*	11	MAT9941506	(4x(2x0.34)+4x0.5)C	10.0 6.8
<b>Basic cable</b>				
<b>6FX_002-2CT12</b>				
PVC	08	MAT9741531	(4x(2x0.34)+4x0.5)C	9.5 10
PUR O.I.	09	MAT98415111	(4x(2x0.34)+4x0.5)C	9.5 10
PUR M.I.	10	MAT98415112	(4x(2x0.34)+4x0.5)C	10.0 7.5
TPE H*	11	MAT9941509	(4x(2x0.34)+4x0.5)C	10.0 6.8
<b>Basic cable</b>				
<b>6FX_002-2DB10</b>				
PUR	MAT9821501	(4x(2x0.25)C)C	11.0	10

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.  
igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 915

\* Technical information on the cable quality (Code **01-31**): ▶ Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Siemens Signal cables</b>				
<b>Basic cable</b>				
<b>6FX_002-2DC10</b>				
PVC	08	MAT9741504	(2x(2x0.15)+(2x0.38))C	7.5 10
PUR O.I.	09	MAT9841530	(2x(2x0.15)+(2x0.38))C	7.5 10
PUR M.I.	10	MAT9070030	(2x(2x0.20)+(2x0.38))C	7.5 7.5
<b>Basic cable</b>				
<b>6FX_002-2DC36</b>				
PVC	08	MAT9741528	(2x(2x0.15)+(2x0.38))C	7.5 10
PUR O.I.	09	MAT98415107	(2x(2x0.15)+(2x0.38))C	7.5 10
PUR M.I.	10	MAT98415108	(2x(2x0.20)+(2x0.38))C	7.5 7.5
<b>Basic cable</b>				
<b>6FX_002-2EQ00</b>				
PVC	08	MAT9170016	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	10.0 10
PUR M.I.	10	MAT9841516	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	11.0 7.5
TPE H*	11	MAT9070016	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	10.5 6.8
<b>Basic cable</b>				
<b>6FX_002-2EQ10</b>				
PVC	08	MAT9170017	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	10.0 10
PUR M.I.	10	MAT9841517	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	11.0 7.5
TPE H*	11	MAT9070017	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	10.5 6.8
<b>6FX_002-2EQ20</b>				
PVC	08	MAT9741530	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	10.0 10
PUR O.I.	09	MAT98415109	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	10.0 10
PUR M.I.	10	MAT98415110	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	11.0 7.5
TPE H*	11	MAT9941508	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	10.5 6.8
<b>6FX_002-2EQ31</b>				
PVC	08	MAT9741512	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	10.0 10
PUR O.I.	09	MAT9841554	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	10.0 10
PUR M.I.	10	MAT9841555	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	11.0 7.5
TPE H*	11	MAT9941502	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	10.5 6.8
<b>Basic cable</b>				
<b>6FX_002-5BL03</b>				
PVC M.I.	18	MAT9711502	(3G0.75)C	8.0 7.5
PUR M.I.	22	MAT9811501	(3G0.75)C	8.0 6.8

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.

igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 915\* Technical information on the cable quality (Code **01-31**): ▶ Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Siemens Signal cables</b>				
<b>Basic cable</b>				
<b>6fx3002-2CT10</b>				
PVC	08	MAT9741507	(4x(2x0.34)+4x0.5)C	9.5 10
PUR O.I.	09	MAT9841548	(4x(2x0.34)+4x0.5)C	9.5 10
PUR M.I.	10	MAT9841549	(4x(2x0.34)+4x0.5)C	10.0 7.5
TPE H*	11	MAT9941501	(4x(2x0.34)+4x0.5)C	10.0 6.8
<b>Extension cable</b>				
<b>6FX8002-2CQ34</b>				
PVC	08	MAT9741516	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	10.0 10
PUR O.I.	09	MAT9841560	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	10.0 10
PUR M.I.	10	MAT9841561	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	11.0 7.5
TPE H*	11	MAT9941504	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	10.5 6.8
<b>Extension cable</b>				
<b>6FX_002-2AD04</b>				
PVC	08	MAT9171001	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	9.0 10
PUR M.I.	10	MAT9841520	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	10.0 7.5
TPE H*	11	MAT9071001	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	10.0 6.8
<b>6FX_002-2AH04</b>				
PVC	08	MAT9171018	(4x(2x0.34)+4x0.5)C	9.5 10
PUR M.I.	10	MAT9841529	(4x(2x0.34)+4x0.5)C	10.0 7.5
TPE H*	11	MAT9071018	(4x(2x0.34)+4x0.5)C	10.0 6.8
<b>6FX_002-2CA34</b>				
PVC	08	MAT9171004	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	10.0 10
PUR M.I.	10	MAT9841523	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	11.0 7.5
TPE H*	11	MAT9071004	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	10.5 6.8
<b>6FX_002-2CA54</b>				
PVC	08	MAT9171003	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	9.0 10
PUR M.I.	10	MAT9841522	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	10.0 7.5
TPE H*	11	MAT9071003	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	10.0 6.8
<b>6FX_002-2CB34</b>				
PUR	13	MAT9841525	(14x0.25)C	8.0 10
TPE H*	24	MAT9071007	(12x0.25)C	9.5 5
<b>6FX_002-2CB54</b>				
PVC	08	MAT9171002	(4x(2x0.34)+4x0.5)C	9.5 10
PUR M.I.	10	MAT9841521	(4x(2x0.34)+4x0.5)C	10.0 7.5
TPE H*	11	MAT9071002	(4x(2x0.34)+4x0.5)C	10.0 6.8

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.

igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 915



\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
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## Siemens Signal cables

## Extension cable



## 6FX\_002-2CC14

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]	
PVC	08	MAT9171009	(4x(2x0.34)+4x0.5)C	9.5	10
PUR M.I.	10	MAT9841526	(4x(2x0.34)+4x0.5)C	10.0	7.5
TPE H*	11	MAT9071009	(4x(2x0.34)+4x0.5)C	10.0	6.8

## 6FX\_002-2CF04

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]	
PVC	08	MAT9171011	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	9.0	10
PUR M.I.	10	MAT9841527	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	10.0	7.5
TPE H*	11	MAT9071011	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	10.0	6.8

## Extension cable



## 6FX\_002-2DC20

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]	
PVC	08	MAT9741505	(2x(2x0.15)+(2x0.38))C	7.5	10
PUR O.I.	09	MAT9841531	(2x(2x0.15)+(2x0.38))C	7.5	10
PUR M.I.	10	MAT9070031	(2x(2x0.20)+(2x0.38))C	7.5	7.5

## Extension cable



## 6FX\_002-2DC34

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]	
PVC	08	MAT9741509	(2x(2x0.15)+(2x0.38))C	7.5	10
PUR O.I.	09	MAT9841551	(2x(2x0.15)+(2x0.38))C	7.5	10
PUR M.I.	10	MAT9841571	(2x(2x0.20)+(2x0.38))C	7.5	7.5

## Extension cable



## 6FX\_002-2EQ14

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]	
PVC	08	MAT9171017	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	10.0	10
PUR M.I.	10	MAT9841528	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	11.0	7.5
TPE H*	11	MAT9071017	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	10.5	6.8

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igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
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## Siemens Signal cables DriveCliqu

## Basic cable



## 6FX8002-2DC30-1AD0(3m)

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]	
PUR M.I.	10	MAT9841534	(2x(2x0.20)+(2x0.38))C	7.5	7.5

## 6FX8002-2DC30-1AF0(5m)

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]	
PUR M.I.	10	MAT9841535	(2x(2x0.20)+(2x0.38))C	7.5	7.5

## 6FX8002-2DC30-1BA0(10m)

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]	
PUR M.I.	10	MAT9841536	(2x(2x0.20)+(2x0.38))C	7.5	7.5

## 6FX8002-2DC30-1BF0(15m)

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]	
PUR M.I.	10	MAT9841537	(2x(2x0.20)+(2x0.38))C	7.5	7.5

## 6FX8002-2DC30-1CA0(20m)

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]	
PUR M.I.	10	MAT9841538	(2x(2x0.20)+(2x0.38))C	7.5	7.5

## 6FX8002-2DC30-1CF0(25m)

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]	
PUR M.I.	10	MAT9841539	(2x(2x0.20)+(2x0.38))C	7.5	7.5

## 6FX8002-2DC30-1DA0(30m)

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]	
PUR M.I.	10	MAT9841540	(2x(2x0.20)+(2x0.38))C	7.5	7.5

## Extension cable



## 6FX8002-2DC34-1AD0(3m)

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]	
PUR M.I.	10	MAT9841541	(2x(2x0.20)+(2x0.38))C	7.5	7.5

## 6FX8002-2DC34-1AF0(5m)

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]	
PUR M.I.	10	MAT9841542	(2x(2x0.20)+(2x0.38))C	7.5	7.5

## 6FX8002-2DC34-1BA0(10m)

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]	
PUR M.I.	10	MAT9841543	(2x(2x0.20)+(2x0.38))C	7.5	7.5

## 6FX8002-2DC34-1BF0(15m)

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]	
PUR M.I.	10	MAT9841544	(2x(2x0.20)+(2x0.38))C	7.5	7.5

## 6FX8002-2DC34-1CA0(20m)

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]	
PUR M.I.	10	MAT9841545	(2x(2x0.20)+(2x0.38))C	7.5	7.5

## 6FX8002-2DC34-1CF0(25m)

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]	
PUR M.I.	10	MAT9841546	(2x(2x0.20)+(2x0.38))C	7.5	7.5

## 6FX8002-2DC34-1DA0(30m)

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]	
PUR M.I.	10	MAT9841547	(2x(2x0.20)+(2x0.38))C	7.5	7.5

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.  
igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

# Harnessed drive cables | Stöber

## PVC/PUR

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
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### Stöber Servo cables

#### Basic cable



Gr.1-Motor-1,0mm <sup>2</sup>				
PVC O.I.	<b>04</b>	MAT9751601	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	<b>05</b>	MAT9430001	(4G1.0+2x(2x0.75)C)	13.5 7.5
PUR O.I.	<b>06</b>	MAT9851601	(4G1.0+2x(2x0.75)C)	13.0 10
PUR M.I.	<b>07</b>	MAT9420001	(4G1.0+2x(2x0.75)C)	13.5 7.5
Gr.1-Motor-1,5mm <sup>2</sup>				
PVC O.I.	<b>04</b>	MAT9751602	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	<b>05</b>	MAT9430002	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	<b>06</b>	MAT9851602	(4G1.5+2x(2x0.75)C)C	13.5 10
PUR M.I.	<b>07</b>	MAT9420002	(4G1.5+2x(2x0.75)C)C	14.5 7.5
Gr.1-Motor-2,5mm <sup>2</sup>				
PVC O.I.	<b>04</b>	MAT9751603	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	<b>05</b>	MAT9430003	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	<b>06</b>	MAT9851603	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	<b>07</b>	MAT9420003	(4G2.5+2x(2x1.5)C)C	16.0 7.5
Gr.1-Motor-4,0mm <sup>2</sup>				
PVC O.I.	<b>04</b>	MAT9751604	(4G4.0+2x(2x1.5)C)C	17.0 10
PVC M.I.	<b>05</b>	MAT9430004	(4G4.0+2x(2x1.5)C)C	18.0 7.5
PUR O.I.	<b>06</b>	MAT9851604	(4G4.0+2x(2x1.5)C)C	17.0 10
PUR M.I.	<b>07</b>	MAT9420004	(4G4.0+2x(2x1.5)C)C	17.5 7.5

#### Basic cable



Gr.1,5-Motor-4,0mm <sup>2</sup>				
PVC O.I.	<b>04</b>	MAT9751605	(4G4.0+2x(2x1.5)C)C	17.0 10
PVC M.I.	<b>05</b>	MAT9430005	(4G4.0+2x(2x1.5)C)C	18.0 7.5
PUR O.I.	<b>06</b>	MAT9851605	(4G4.0+2x(2x1.5)C)C	17.0 10
PUR M.I.	<b>07</b>	MAT9420005	(4G4.0+2x(2x1.5)C)C	17.5 7.5
Gr.1,5-Motor-6,0mm <sup>2</sup>				
PVC O.I.	<b>04</b>	MAT9751606	(4G6.0+2x(2x1.5)C)C	19.0 10
PVC M.I.	<b>05</b>	MAT9430006	(4G6.0+2x(2x1.5)C)C	21.0 7.5
PUR O.I.	<b>06</b>	MAT9851606	(4G6.0+2x(2x1.5)C)C	19.0 10
PUR M.I.	<b>07</b>	MAT9420006	(4G6.0+2x(2x1.5)C)C	19.5 7.5
Gr.1,5-Motor-10,0mm <sup>2</sup>				
PVC M.I.	<b>05</b>	MAT9430007	(4G10+2x(2x1.5)C)C	23.0 7.5
PUR O.I.	<b>06</b>	MAT9851607	(4G10+2x(2x1.5)C)C	22.5 10
PUR M.I.	<b>07</b>	MAT9420007	(4G10+2x(2x1.5)C)C	22.5 7.5

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915



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# Harnessed drive cables | Stöber

## PVC/PUR/TPE

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
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### Stöber Encoder cables

#### iSDS4000 Basic cable



Encoder ED/EK iSDS4000				
PVC	<b>08</b>	MAT9431001	(4x(2x0.34)+4x0.5)C	9.5 10
PUR O.I.	<b>09</b>	MAT9941601	(4x(2x0.34)+4x0.5)C	9.5 10
PUR M.I.	<b>10</b>	MAT9841601	(4x(2x0.34)+4x0.5)C	10.0 7.5
TPE H*	<b>11</b>	MAT9421001	(4x(2x0.34)+4x0.5)C	10.0 6.8

#### iSDS4000 Basic cable



Encoder ES iSDS4000				
PUR O.I.	<b>09</b>	MAT9941602	((4x0.25)+3x(2x0.25+2x0.5))C	9.5 10
PUR M.I.	<b>10</b>	MAT9841602	((4x0.25)+3x(2x0.25+2x0.5))C	11.0 7.5
TPE H*	<b>11</b>	MAT9421002	((4x0.25)+3x(2x0.25+2x0.5))C	10.0 6.8

#### iHTL Basic cable



Encoder HTL				
PVC	<b>08</b>	MAT9431006	(4x(2x0.25)+2x0.5)C	8.0 10
PUR M.I.	<b>10</b>	MAT9841606	(4x(2x0.25)+2x0.5)C	8.5 7.5
TPE H*	<b>11</b>	MAT9421006	(4x(2x0.25)+2x0.5)C	8.5 6.8

#### iMDS5000 Basic cable

Encoder iMDS5000				
PVC	<b>08</b>	MAT9431004	(4x(2x0.25)+2x0.5)C	8.0 10
PUR M.I.	<b>10</b>	MAT9841604	(4x(2x0.25)+2x0.5)C	8.5 7.5
TPE H*	<b>11</b>	MAT9421004	(4x(2x0.25)+2x0.5)C	8.5 6.8

#### iMDS5000 Basic cable



Resolver iMDS5000				
PVC	<b>08</b>	MAT9431005	(3x(2x0.25)C)C	9.0 10
PUR M.I.	<b>10</b>	MAT9841605	(3x(2x0.25)C)C	7.5 7.5
TPE H*	<b>11</b>	MAT9421005	(3x(2x0.25)C)C	7.5 6.8

#### iSDS4000 Basic cable



Resolver iSDS4000				
PVC	<b>08</b>	MAT9431003	(4x(2x0.25)+2x0.5)C	8.0 10
PUR M.I.	<b>10</b>	MAT9841603	(4x(2x0.25)+2x0.5)C	8.5 7.5
TPE H*	<b>11</b>	MAT9421003	(4x(2x0.25)+2x0.5)C	8.5 6.8

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915