



... harnessed cables for drive technology ...

chainflex[®] readycable[®] ▶▶

Selection according to manufacturer			Jacket	Page
Harnessed cables for drive technology				
	Allen Bradley/ Rockwell	Motor cables		
		Servo cables		
		Hybrid servo cables	PVC/PUR/TPE	574
		Brake cables		
		Feedback cables		
		Adapter cables (transition cable)		
	B&R	Motor cables		
		Servo cables		
		EnDat cables	PVC/PUR/TPE	575
		Encoder cables		
		Resolver cables		
		Bus cables		
	Baumüller	Servo cables		
		Resolver cables	PVC/PUR/TPE	575
		Pulse encoder cable		
	Beckhoff	Motor cables		
		Servo cables		
		Hybrid servo cables		
		Encoder cables	PVC/PUR/TPE	578
		Thermal protection cables		
		Resolver cables		
	Berger Lahr	Encoder cables		
		Network cables EtherCAT		
	Berger Lahr	Servo cables	PVC/PUR/TPE	578
		Resolver cables		
	Bosch Rexroth	Motor cables		
		Servo cables	PVC/PUR/TPE	578
		Hybrid servo cables		
		Encoder cables		
	ELAUI/ Schneider Electric	Servo cables		
		Hybrid servo cables	PVC/PUR/TPE	581
		Encoder cables		
	FAGOR	Path measuring cables	PUR/TPE	581
	Fanuc	Motor cables		
		Servo cables	PVC/PUR/TPE	581
		Brake cables		
		Signal cables		
	Festo	Servo cables		
		Control cables		
		Encoder cables	PVC/PUR/TPE	582
		Data cables		
		Bus cables		
	Heidenhain	Servo cables	PVC/PUR/TPE	582
		Adapter cables		

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

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data portal
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macros
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More harnessed cables for drive technology ▶ Page 565
To make the choice easier for you, we have classified all chainflex® cables according to the criteria "**basic requirements, oil resistance** and travel distance".
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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/packages 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.

... harnessed cables for drive technology ...

chainflex® readycable®

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

	1	2	3	4	5	6	7
chainflex® series	CF31	CF35.UL	CF38	CF210.UL	CF21.UL	CF270.UL.D	CF27.D
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
Outer jacket	PVC	TPE	TPE	PVC	PVC	PUR	PUR
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
Travel distance [m]	≤ 100	≤ 400	≤ 400	≤ 10	≤ 100	≤ 10	≤ 100
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
Nominal voltage [V]	600/1,000	600/1,000	600/1,000	600/1,000	600/1,000	600/1,000	600/1,000
Colour	Jet black	Signal black	Jet black	Pastel orange	Moss green	Pastel orange	Pastel orange
CE/UKCA	 	 	 	 	 	 	 
REACH/RoHS							
Cleanroom							
EAC							
UL/CSA + NFPA							
Desina							
More information							
► Catalogue page	320	340	346	274	278	284	288
www.igus.eu/	CF31	CF35UL	CF38	CF210UL	CF21UL	CF270ULD	CF27D

... harnessed cables for drive technology ...

chainflex® readycable®

the product pages of the respective manufacturers)

	8	9	10	11	12	13	14	15	16
chainflex® series	CF211 Mess	CF111.D	CF113.D	CF11.D	CFBUS	CF240.PUR	CF211	CF211.PUR	CF11
Class	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	PUR	PUR	TPE	TPE	PUR	PVC	PUR	TPE
Shielded	✓	✓	✓	✓	✓	✓	✓	✓	✓
Minimum bend radius	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]	≤ 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	-25/+80	-25/+80	-35/+90	-35/+70	-25/+80	+5/+70	-25/+80	-35/+100
Nominal voltage [V]	50	50	50	50	50	300/300	300/300	300/300	300/300
Colour	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	238	248	254	260	196	142	146	150	154
www.igus.eu/	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

	17	18	19	20	21	22	23
chainflex® series	CF130.UL	CF140.UL	CF5	CF6	CF77.UL.D	CF78.UL	CF9
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
Outer jacket	PVC	PVC	PVC	PVC	PUR	PUR	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
Travel distance [m]	≤ 50	≤ 50	≤ 50	≤ 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	+5/+70	+5/+70	+5/+70	-25/+80	-25/+80	-35/+100
Nominal voltage [V]	300/500	300/500	300/500	300/500	300/500	300/500	300/500
Colour	Silver grey	Silver grey	Moss green	Moss green	Window grey	Window grey	Steel blue
CE/UKCA							
REACH/RoHS							
CleanRoom							
EAC							
UL/CSA + NFPA							
Desina							
More information							
► Catalogue page	64	68	80	84	100	104	112
www.igus.eu/	CF130	CF140	CF5	CF6	CF77	CF78	CF9

... harnessed cables for drive technology ...

chainflex® readycable®

the product pages of the respective manufacturers)

	24	25	26	27	28	29	30	31
chainflex® series	CF10	CF9.UL	CF220.UL.H	CF280.UL.H	CFBUS.PVC	CFBUS.PUR	CF240	CF29.D
Class	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	TPE	TPE	PVC	PUR	PVC	PUR	PVC	TPE
Shielded	✓		✓	✓	✓	✓	✓	✓
Minimum bend radius	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]	> 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]	-35/+100	-35/+100	+5/+70	-25/+80	+5/+70	-20/+70	-15/+70	-55/+100
Nominal voltage [V]	300/500	300/500	600/1,000	600/1,000	50	50	300/300	600/1,000
Colour	Steel blue	Slate grey	Pastel orange	Pastel orange	Red lilac	Red lilac	Silver grey	Pastel orange
CE/UKCA								
REACH/RoHS								
CleanRoom								
EAC								
UL/CSA + NFPA								
Desina								
More information								
► Catalogue page	116	120	294	298	184	192	138	292
www.igus.eu/	CF10	CF9UL	CF220ULH	CF280ULH	CFBUSPVC	CFBUSPUR	CF240	CF29.D

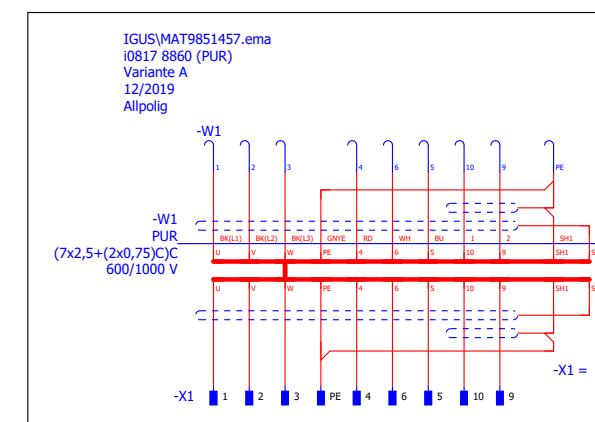
... plan quickly EPLAN macros

directly in CAE ...

Bosch
Rexroth
From page
632

Siemens
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722

SEW
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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.

ePLAN®
data portal

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
- 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
- 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

Basic cables	Jacket	Page	Extension cables	Jacket	Page
Allen-Bradley/Rockwell					
Motor cables					
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			
Servo cables					
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			
Hybrid servo cables					
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			
Brake cables					
2090-UX_BMP-18SXX	PVC/PUR	604			
Feedback cables					
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			
Adapter cables (transition cables)					
2090-CFBM4E2-CATR	PUR	605			
2090-CPWM4E2-14TR	PUR	605			
B&R					
Motor cables					
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			
Servo cables					
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			
EnDat cables					
8BCExxxx.1111A-0	TPE/PVC/PUR	608			
8CExxx.12-1	TPE/PVC/PUR	608			
Encoder cables					
8BCFxxxx.1221B-0	PVC/PUR	608			
8BCRxxxx.1121A-0	TPE/PVC/PUR	608			
8BCSxxxx.1111A-0	TPE/PVC/PUR	609			
Resolver cables					
8BCRxxx.1111A-0	TPE/PVC/PUR	609			
8CRxxx.12-1	TPE/PVC/PUR	609			
Bus cables					
X20CA3E61.xxxx	PVC/PUR/TPE	609			
X67CA0E41.xxxx	PVC/PUR/TPE	609			
Baumüller					
Servo cables					
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
Baumüller					
Servo cables					
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
Resolver cables					
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
Pulse encoder cable					
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
Baumüller					
Pulse encoder cable					
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
Beckhoff					
Motor cables					
ZK4500-8015-xxx	PUR	626			
ZK4500-8024-xxx	PVC/PUR	626			
ZK4501-8024-xxx	PVC/PUR	626			
ZK4530-8110-xxxx	PVC/PUR	626			
Servo cables					
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
Hybrid servo cables					
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			
Encoder cables					
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			
Thermal protection cables					
ZK4000-2510-xxxx	PVC/TPE	629			
Resolver cables					
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
Network cables EtherCAT					
ZK1090-9191-xxxx	TPE	630			
Berger Lahr					
Servo cables					
VW3M5101Rxxx	PUR/PVC	631			
VW3M5102Rxxx	PUR/PVC	631			
Resolver cables					
VW3M8101Rxxx	TPE/PUR/PVC	631			
Bosch Rexroth					
Power cables					
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
Bosch Rexroth					
Power cables					
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			
Servo cables					
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
Hybrid servo cables					
RH2-021DBB-NN	PUR	644			
RH2-022DBB-NN	PUR	644			
RH2-023DBB-NN	PUR	644			
RKH0101	PUR	645			
RKH0900	PUR	645			
Encoder cables					
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
Elau/Schneider Electric					
Servo cables					
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			
Hybrid servo cables					
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			
Encoder cables					
E-FB-060	PVC/TPE	651			
E-FB-071	PVC/TPE/PUR	651			
E-FB-080	PVC/TPE/PUR	651			
Fagor					
Path measuring cables					
			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
Fanuc					
Power cables					
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			

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Basic cables	Jacket	Page	Extension cables	Jacket	Page
Fanuc					
Power cables					
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			
Servo cables					
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			
Brake cables					
LX660-8077-T311	PUR	657			
Signal cables					
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			
Festo					
Servo cables					
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			
Control cables					
KPWR-MC-1-SUB-9HC-xxx	PVC/PUR	659			
Encoder cables					
NEBM-M23G12-E-xxx-N-S1G9	PVC/PUR/TPE	659			
Data cables					
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			
Bus cables					
FBA-CO-SUB-9-M12	PVC/PUR/TPE	661			
Heidenhain					
Adapter cables					
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 ...
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Basic cables	Jacket	Page	Extension cables	Jacket	Page
534 855-xx	PVC/PUR/TPE	663			
605 424-xx	PVC/PUR/TPE	663			
Jetter					
Motor cables					
Cable No. 201	PVC/PUR/TPE	668			
Cable No. 203	PVC/PUR/TPE	668			
Cable No. 26.1	PVC/PUR/TPE	668			
Servo cables					
Cable No. 202	PVC/PUR	668			
Cable No. 204	PVC/PUR	668			
Cable No. 24.1	PVC/PUR	668			
Resolver cables					
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			
Kollmorgen/Danaher Motion					
Motor cables					
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			



... Kollmorgen/Danaher Motion ...
Selection by manufacturer part number

Basic cables	Jacket	Page	Extension cables	Jacket	Page
Kollmorgen/Danaher Motion					
Motor cables					
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			
Servo cables					
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			



... Kollmorgen/Danaher Motion ... Lenze ...
Selection by manufacturer part number

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			
Signal cables					
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			
Lenze					
Servo cables					
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
Lenze					
Servo cables					
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
Fan cables					
EWLLxxxGMS	TPE/PVC	687	EWLLxxxZM	TPE/PVC	687
EYL002AxxxxL01A00	TPE/PVC	687	EYL002VxxxxL01J01	TPE/PVC	687
EYL002AxxxxL02A00	TPE/PVC	687	EYL002VxxxxL02J02	TPE/PVC	688
Encoder cables					
EWLExxxGM-T	TPE/PVC/PUR	689	EWLExxxZMST	TPE/PVC/PUR	689
EWLExxxGX-T	TPE/PVC/PUR	689			
Feedback cables					
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			
Resolver cables					
EWLRxxxGM-T	TPE/PVC/PUR	692	EWLRxxxZMST	TPE/PVC/PUR	692
EWLRxxxGX-T	TPE/PVC/PUR	692			
LinMot					
Motor cables					
P10-70x...-D01/D02-MS	PVC/PUR	693			
Servo cables					
P10-70x...-D03-MS	PVC/PUR	693			
LTi DRIVES					
Servo cables					
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
Encoder cables					
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
Mitsubishi Electric					
Motor cables					
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			
Encoder cables					
MR-J3ENCBL-xxx-A1-H	PVC/PUR	697			
MR-J3ENCBL-xxx-A2-H	PVC/PUR	697			
MR-J3ENSCBL-xxx-H	PVC/PUR	697			
Nidec/Control Techniques					
Motor cables					
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			
Servo cables					
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
Nidec/Control Techniques					
Servo cables					
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			
Encoder cables					
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			
NUM					
Power cables					
AGOFRU018LMxxx	PVC/TPE	704	AGOFRU018LMxxx (ext.)	PVC/TPE	704
AGOFRU019LMxxx	PVC/TPE	704	AGOFRU019LMxxx (ext.)	PVC/TPE	704
Servo cables					
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
Fan cables					
AGOFRU012Mxxx	PVC/TPE	705	AGOFRU012Mxxx (ext.)	PVC/TPE	705
Encoder cables					
AGOFRU029Mxxx	PVC/TPE	705	AGOFRU029Mxxx (ext.)	PVC/TPE	706
AGOFRU030Mxxx	PVC/TPE	705	AGOFRU030Mxxx (ext.)	PVC/TPE	706
Omron					
Motor cables					
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
Control cables					
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			
Encoder cables					
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			
Parker					
Motor cables					
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			
Resolver cables					
iREK32	PVC/PUR/TPE	711			
iREK33	PVC/PUR/TPE	711			
iREK41	PVC/PUR/TPE	711			
iREK42	PVC/PUR/TPE	711			
SEW					
Motor cables					
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
Servo cables					
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
SEW					
Servo cables					
1335 4329	PVC/PUR	717	1335 4337	PVC/PUR	719
1335 4388	PUR	717			
1335 4396	PUR	717			
Hybrid servo cables					
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			
Control cables					
0199 560x	PVC/PUR/TPE	720			
Encoder cables					
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			
Siemens					
Power cables					
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
Servo cables					
6FX_002-5DA01	PUR/PVC	735	6FX_002-5DA05	PUR/PVC	746

Basic cables	Jacket	Page	Extension cables	Jacket	Page
Siemens					
Servo cables					
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			
Hybrid servo cables					
6FX_002-8QN04	PUR	749	6FX_002-8QE04	PUR	749
6FX_002-8QN08	PUR	749	6FX_002-8QE08	PUR	749
6FX_002-8QN11 New!	PUR	749	6FX_002-8QE11 New!	PUR	749
6FX_002-8QN21 New!	PUR	749	6FX_002-8QE21 New!	PUR	749
Signal cables					
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
Siemens					
Signal cables					
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			
Signal cables DriveCliq					
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
Stöber					
Servo cables					
Gr.1,5-Motor-10,0mm ²	PUR/PVC	758			
Gr.1,5-Motor-4,0mm ²	PUR/PVC	758			
Gr.1,5-Motor-6,0mm ²	PUR/PVC	758			
Gr.1-Motor-1,0mm ²	PUR/PVC	758			
Gr.1-Motor-1,5mm ²	PUR/PVC	758			
Gr.1-Motor-2,5mm ²	PUR/PVC	758			
Gr.1-Motor-4,0mm ²	PUR/PVC	758			
Encoder cables					
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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Harnessed drive cables | Allen-Bradley/Rockwell
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	Ø	R min.
		[mm²]	[mm]	[x d]
Allen-Bradley/Rockwell Motor cables				

Basic cable



2090-CPWM4DF-08AFxx				
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
2090-CPWM4DF-10AFxx				
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

2090-CPWM4DF-12AFxx				
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
2090-CPWM4DF-14AFxx				
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
2090-CPWM4DF-16AFxx				
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



2090-CPWM7DF-02AF				
PVC M.I.	01	MAT9761715	(4G35)C	31.0 7.5
PUR O.I.	06	MAT9861711	(4G35)C	33.0 10
2090-CPWM7DF-04AF				
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



EU2022

Harnessed drive cables | Allen-Bradley/Rockwell
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	Ø	R min.
		[mm²]	[mm]	[x d]
Allen-Bradley/Rockwell Motor cables				

2090-CPWM7DF-06AF

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

2090-CPWM7DF-08AFxx

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

2090-CPWM7DF-10AFxx

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



2090-CPWM7DF-12AFxx				
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
2090-CPWM7DF-14AFxx				
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
2090-CPWM7DF-16AFxx				
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



2090-XX_PMP-10SXX				
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



EU2022

Harnessed drive cables | Allen-Bradley/Rockwell
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	Ø	R min.
		[mm²]	[mm]	[x d]

Allen-Bradley/Rockwell Motor cables

Basic cable



2090-XX_PMP-14SXX				
PVC M.I.	01	MAT9761711	(4G2.5)C	11.5 7.5
PUR O.I.	06	MAT9961717	(4G2.5)C	11.5 10
PUR M.I.	07	MAT9851711	(4G2.5)C	12.5 7.5
TPE F	02	MAT9961702	(4G2.5)C	11.5 7.5
TPE H*	03	MAT9961714	(4G2.5)C	11.5 7.5
2090-XX_PMP-16SXX				
PVC M.I.	01	MAT9761710	(4G1.5)C	10.0 7.5
PUR O.I.	06	MAT9961716	(4G1.5)C	10.0 10
PUR M.I.	07	MAT9861701	(4G1.5)C	11.0 7.5
TPE F	02	MAT9961701	(4G1.5)C	10.0 7.5
TPE H*	03	MAT9961713	(4G1.5)C	10.0 7.5

Extension cable



2090-CPWM7E7-08AF				
PUR O.I.	06	MAT9861716	(4G10)C	18.0 10
2090-CPWM7E7-10AF				
PUR O.I.	06	MAT9861715	(4G6.0)C	15.0 10

Extension cable



2090-CPWM7E7-12AF				
PUR O.I.	06	MAT9861714	(4G4.0)C	13.0 10
2090-CPWM7E7-14AF				
PUR O.I.	06	MAT9861713	(4G2.5)C	11.5 10
2090-CPWM7E7-16AF				
PUR O.I.	06	MAT9861712	(4G1.5)C	10.0 10

Allen-Bradley/Rockwell Servo cables

Basic cable



2090-CPBM4DF-08AFxx				
PVC M.I.	05	MAT9751799	(4G10+(2x1.5)C)C	21.5 7.5
PUR O.I.	06	MAT9851798	(4G10+(2x1.5)C)C	21.0 10
PUR M.I.	07	MAT9851799	(4G10+(2x1.5)C)C	21.0 7.5
2090-CPBM4DF-10AFxx				
PVC O.I.	04	MAT9751797	(4G6.0+(2x1.5)C)C	16.5 10
PVC M.I.	05	MAT9751798	(4G6.0+(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9851796	(4G6.0+(2x1.5)C)C	16.5 10
PUR M.I.	07	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



Harnessed drive cables | Allen-Bradley/Rockwell
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	Ø	R min.
		[mm²]	[mm]	[x d]

Allen-Bradley/Rockwell Servo cables

Basic cable



2090-CPBM4DF-12AFxx				
PVC O.I.	04	MAT9751795	(4G4.0+(2x1.5)C)C	15.0 10
PVC M.I.	05	MAT9751796	(4G4.0+(2x1.5)C)C	16.0 7.5
PUR O.I.	06	MAT9851794	(4G4.0+(2x1.5)C)C	15.0 10
PUR M.I.	07	MAT9851795	(4G4.0+(2x1.5)C)C	16.0 7.5
2090-CPBM4DF-14AFxx				
PVC O.I.	04	MAT9751791	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9751792	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR O.I.	06	MAT9851790	(4G2.5+(2x1.5)C)C	14.0 10
PUR M.I.	07	MAT9851791	(4G2.5+(2x1.5)C)C	14.5 7.5
2090-CPBM4DF-16AFxx				
PVC O.I.	04	MAT9751757	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9751756	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9851755	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9851754	(4G1.5+(2x1.5)C)	13.0 7.5

Basic cable



2090-CPBM7DF-02AF				
PUR M.I.	07	MAT9851745	(4G35+(2x1.5)C)C	32.0 7,5
2090-CPBM7DF-04AF				
PUR O.I.	06	MAT9851743	(4G25+(2x1.5)C)C	28.5 10
PUR M.I.	07	MAT9851744	(4G25+(2x1.5)C)C	28.0 7.5

Basic cable



2090-CPBM7DF-06AF				
PUR O.I.	06	MAT9851741	(4G16+(2x1.5)C)C	24.0 10
PUR M.I.	07	MAT9851742	(4G16+(2x1.5)C)C	24.0 7.5
2090-CPBM7DF-08AFxx				
PVC M.I.	05	MAT9751745	(4G10+(2x1.5)C)C	21.5 7.5
PUR O.I.	06	MAT9851736	(4G10+(2x1.5)C)C	21.0 10
PUR M.I.	07	MAT9851735	(4G10+(2x1.5)C)C	21.0 7.5
2090-CPBM7DF-10AFxx				
PVC O.I.	04	MAT9751706	(4G6.0+(2x1.5)C)C	16.5 10
PVC M.I.	05	MAT9751705	(4G6.0+(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9851712	(4G6.0+(2x1.5)C)C	16.5 10
PUR M.I.	07	MAT9851705	(4G6.0+(2x1.5)C)C	17.5 7.5
2090-CPBM7DF-12AFxx				
PVC O.I.	04	MAT9751793	(4G4.0+(2x1.5)C)C	15.0 10
PVC M.I.	05	MAT9751794	(4G4.0+(2x1.5)C)C	16.0 7.5
PUR O.I.	06	MAT9851792	(4G4.0+(2x1.5)C)C	15.0 10
PUR M.I.	07	MAT9851793	(4G4.0+(2x1.5)C)C	16.0 7.5



Harnessed drive cables | Allen-Bradley/Rockwell
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	Ø	R min.
		[mm²]	[mm]	[x d]

Allen-Bradley/Rockwell Servo cables

Basic cable



2090-CPBM7DF-14AFxx				
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
2090-CPBM7DF-16AFxx				
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

Basic cable



2090-XX_PMF-10SXX				
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

Basic cable



2090-XX_PMF-14SXX				
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

2090-XX_PMF-16SXX				
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

Extension cable



2090-CPBM7E7-08AFxx				
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



EU2022

Harnessed drive cables | Allen-Bradley/Rockwell
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	Ø	R min.
		[mm²]	[mm]	[x d]

Allen-Bradley/Rockwell Servo cables

2090-CPBM7E7-10AFxx				
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

Extension cable



2090-CPBM7E7-12AFxx				
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

2090-CPBM7E7-14AFxx				
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

2090-CPBM7E7-16AFxx				
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

Allen-Bradley/Rockwell Hybrid servo cables

Basic cable



2090-CSBM1DE-10AF				
PUR O.I.	27	MAT9851723	(4G6.0+(2x1.0)C)+(2xAWG22)C)C	17.5 10

Basic cable



2090-CSBM1DE-14AF				
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
2090-CSBM1DE-18AF				
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



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Harnessed drive cables | Allen-Bradley/Rockwell
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 [mm²]	Ø [mm]	R min. [x d]
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Allen-Bradley/Rockwell Hybrid servo cables

Basic cable



2090-CSBM1DF-10AF				
PUR O.I.	27	MAT9851717	(4G6.0+(2x1.0)C+(2xAWG22)C)C	17.5 10
2090-CSBM1DF-14AF				
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
2090-CSBM1DF-18AF				
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

Basic cable



2090-CSBM1DG-10AF				
PUR O.I.	27	MAT9851750	(4G6.0+(2x1.0)C+(2xAWG22)C)C	17.5 10

Basic cable



2090-CSBM1DG-14AF				
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
2090-CSBM1DG-18AF				
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

Basic cable



2090-CSWM1DE-10AF				
PUR O.I.	27	MAT9851724	(4G6.0+(2x1.0)C+(2xAWG22)C)C	17.5 10

Basic cable



2090-CSWM1DE-14AF				
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
2090-CSWM1DE-18AF				
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



EU2022

Harnessed drive cables | Allen-Bradley/Rockwell
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 [mm²]	Ø [mm]	R min. [x d]
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Allen-Bradley/Rockwell Hybrid servo cables

Basic cable



2090-CSWM1DF-10AF				
PUR O.I.	27	MAT9851718	(4G6.0+(2x1.0)C+(2xAWG22)C)C	17.5 10
2090-CSWM1DF-14AF				
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
2090-CSWM1DF-18AF				
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

Basic cable



2090-CSWM1DG-10AF				
PUR O.I.	27	MAT9851751	(4G6.0+(2x1.0)C+(2xAWG22)C)C	17.5 10

Basic cable



2090-CSWM1DG-14AF				
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
2090-CSWM1DG-18AF				
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

Extension cable



2090-CSBM1E1-10AF				
PUR O.I.	27	MAT9851729	(4G6.0+(2x1.0)C+(2xAWG22)C)C	17.5 10

Extension cable



2090-CSBM1E1-14AF				
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
2090-CSBM1E1-18AF				
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



EU2022

Harnessed drive cables | Allen-Bradley/Rockwell
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 ²]	Ø [mm]	R min. [x d]
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

Extension cable 

2090-CSWM1E1-14AF				
PVC O.I.	26	MAT9751717	(4G2.5+(2x1.0)C+(2xAWG22)C)C	14.5 10
PUR O.I.	27	MAT9851728	(4G2.5+(2x1.0)C+(2xAWG22)C)C	14.5 10
2090-CSWM1E1-18AF				
PVC O.I.	26	MAT9751716	(4G1.0+(2x0.75)C+(2xAWG22)C)C	12.0 10
PUR O.I.	27	MAT9851727	(4G1.0+(2x0.75)C+(2xAWG22)C)C	12.0 10

Allen-Bradley/Rockwell Brake cables

Basic cable 

2090-UX_BMP-18SXX				
PVC M.I.	18	MAT9711727	(3G0.75)C	8.0 7.5
PVC OIL	20	MAT9961719	(3G0.75)C	8.0 6.8
PUR M.I.	22	MAT9811705	(3G0.75)C	8.0 6.8

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
PUR M.I.	10	MAT9841753	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	10.0 7.5
TPE H*	11	MAT9941768	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	10.0 6.8
2090-CFBM4DF-CEAFxx				
PUR O.I.	09	MAT9841796	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	9.0 10
PUR M.I.	10	MAT9841798	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	10.0 7.5
TPE H*	11	MAT9941799	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	10.0 6.8

Basic cable 

2090-CFBM7DD-CDAFxx				
PUR M.I.	10	MAT9841795	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	10.0 7.5
2090-CFBM7DD-CEAFxx				
PUR M.I.	10	MAT9841797	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)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



Harnessed drive cables | Allen-Bradley/Rockwell
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 ²]	Ø [mm]	R min. [x d]
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
PUR M.I.	10	MAT9841750	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	10.0 7.5
TPE H*	11	MAT9941764	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	10.0 6.8
2090-CFBM7DF-CEAFxx				
PUR O.I.	09	MAT9841774	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	9.0 10
PUR M.I.	10	MAT9841752	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	10.0 7.5
TPE H*	11	MAT9941767	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	10.0 6.8

Basic cable 

2090-XX_FMF-Sxx				
PUR O.I.	09	MAT9941709	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	9.0 10
PUR M.I.	10	MAT9841770	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	10.0 7.5
TPE H*	11	MAT9941763	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	10.0 6.8

Basic cable 

2090-XX_FMP-Sxx				
PUR O.I.	09	MAT9841769	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	9.0 10
PUR M.I.	10	MAT9941704	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	10.0 7.5
TPE H*	11	MAT9941762	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	10.0 6.8

Extension cable 

2090-CFBM7E7-CDAFxx				
PUR O.I.	09	MAT9841772	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	9.0 10
PUR M.I.	10	MAT9841751	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	10.0 7.5
TPE H*	11	MAT9941765	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	10.0 6.8
2090-CFBM7E7-CEAFxx				
PUR O.I.	09	MAT9841773	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	9.0 10
PUR M.I.	10	MAT9741776	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	10.0 7.5
TPE H*	11	MAT9941766	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	10.0 6.8

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

Basic cable 

2090-CPWM4E2-14TR				
PUR O.I.	06	MAT9861792	(4G2.5)C	11.5 10



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	Ø	R min.
		[mm²]	[mm]	[x d]

B&R Motor cables

Basic cable



8BCMxxxx.1011A-0				
PVC M.I.	05	MAT9610008	(4G0.75+2x(2x0.34)C)C	12.5 7.5
PUR O.I.	06	MAT9850108	(4G0.75+2x(2x0.34)C)C	12.0 10
PUR M.I.	07	MAT9600008	(4G0.75+2x(2x0.34)C)C	12.5 7.5

Basic cable



8BCMxxxx.1034C-0				
PVC M.I.	05	MAT9610009	(4G0.75+2x(2x0.34)C)C	12.5 7.5
PUR O.I.	06	MAT9850109	(4G0.75+2x(2x0.34)C)C	12.0 10
PUR M.I.	07	MAT9600009	(4G0.75+2x(2x0.34)C)C	12.5 7.5

Basic cable



8BCMxxxx.1312A-0				
PVC O.I.	04	MAT9750106	(4G4.0+2x(2x1.5)C)C	17.0 10
PVC M.I.	05	MAT9610012	(4G4.0+2x(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9850106	(4G4.0+2x(2x1.5)C)C	17.0 10
PUR M.I.	07	MAT9600012	(4G4.0+2x(2x1.5)C)C	17.5 7.5

Basic cable



8BCMxxxx.1322A-0				
PVC O.I.	04	MAT9750107	(4G4.0+2x(2x1.5)C)C	17.0 10
PVC M.I.	05	MAT9610013	(4G4.0+2x(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9850107	(4G4.0+2x(2x1.5)C)C	17.0 10
PUR M.I.	07	MAT9600013	(4G4.0+2x(2x1.5)C)C	17.5 7.5

Basic cable



8CMxxx.12-0				
PVC M.I.	05	MAT9610000	(4G0.75+2x(2x0.34)C)C	12.5 7.5
PUR O.I.	06	MAT9850100	(4G0.75+2x(2x0.34)C)C	12.0 10
PUR M.I.	07	MAT9600000	(4G0.75+2x(2x0.34)C)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	Ø	R min.
		[mm²]	[mm]	[x d]

B&R Servo cables

Basic cable



8BCMxxxx.1111A-0				
PVC O.I.	04	MAT9750104	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9610010	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9850104	(4G1.5+2x(2x0.75)C)C	13.5 10
PUR M.I.	07	MAT9600010	(4G1.5+2x(2x0.75)C)C	14.5 7.5

8BCMxxxx.1311A-0				
PVC O.I.	04	MAT9750105	(4G4.0+2x(2x1.5)C)C	17.0 10
PVC M.I.	05	MAT9610011	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9850105	(4G4.0+2x(2x1.5)C)C	17.0 10
PUR M.I.	07	MAT9600011	(4G1.5+2x(2x0.75)C)C	14.5 7.5

Basic cable



8CMxxx.12-1				
PVC O.I.	04	MAT9750101	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9610001	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9850101	(4G1.5+2x(2x0.75)C)C	13.5 10
PUR M.I.	07	MAT9600001	(4G1.5+2x(2x0.75)C)C	14.5 7.5

8CMxxx.12-3				
PVC O.I.	04	MAT9750102	(4G4.0+2x(2x1.5)C)C	17.0 10
PVC M.I.	05	MAT9610002	(4G4.0+2x(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9850102	(4G4.0+2x(2x1.5)C)C	17.0 10
PUR M.I.	07	MAT9600002	(4G4.0+2x(2x1.5)C)C	17.5 7.5

8CMxxx.12-5				
PVC M.I.	05	MAT9610003	(4G10+2x(2x1.5)C)C	23.0 7.5
PUR O.I.	06	MAT9850103	(4G10+2x(2x1.5)C)C	22.5 10
PUR M.I.	07	MAT9600003	(4G10+2x(2x1.5)C)C	22.5 7.5

Basic cable



8ECHxxxx.1111A-0				
PUR O.I.	27	MAT9850114	(4G1.5+(2x0.75)C +(2x2x0.14+2x0.25)C)C	15.0 10

Extension cable



8BCFxxxx.12230-0				
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 [mm²]	Ø [mm]	R min. [x d]
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B&R Servo cables

Extension cable



8BCMxxxx.10360-0				
PVC M.I.	05	MAT9750108	(4G0.75+2x(2x0.34)C)C	12.5 7.5
PUR O.I.	06	MAT9850115	(4G0.75+2x(2x0.34)C)C	12.0 10
PUR M.I.	07	MAT9850116	(4G0.75+2x(2x0.34)C)C	12.5 7.5

Extension cable



8ECH00xx.11140-0				
PUR O.I.	27	MAT9850117	(4G1.5+(2x0.75)C +(2x2x0.14+2x0.25)C)C	15.0 10

B&R EnDat cables

Basic cable



8BCExxxx.1111A-0				
PVC	08	MAT9670002	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9820102	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9660002	(5x(2x0.14)+2x0.5)C	8.5 6.8
8CExxx.12-1				
PVC	08	MAT9670001	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9820101	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9660001	(5x(2x0.14)+2x0.5)C	8.5 6.8

B&R Encoder cables

Basic cable



8BCFxxxx.1221B-0				
PVC	08	MAT9670003	((4x0.14)+2x(2x0.34))C	7.0 10
PUR O.I.	09	MAT9840103	((4x0.14)+2x(2x0.34))C	7.0 10

Basic cable



8BCRxxxx.1121A-0				
PVC	14	MAT9640015	(3x(2x0.25))C	7.0 7.5
PUR	15	MAT9840105	(3x(2x0.25))C	7.0 7.5
TPE H*	16	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



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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 [mm²]	Ø [mm]	R min. [x d]
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B&R Encoder cables

Basic cable



8BCSxxxx.1111A-0				
PVC	08	MAT9670004	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9840114	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9820104	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9660004	(5x(2x0.14)+2x0.5)C	8.5 6.8

B&R Resolver cables

Basic cable



8BCRxxx.1111A-0				
PVC	14	MAT9640010	(3x(2x0.25))C	7.0 7.5
PUR	15	MAT9840102	(3x(2x0.25))C	7.0 7.5
TPE H*	16	MAT9630010	(3x(2x0.25))C	8.0 6.8
8CRxxx.12-1				
PVC	14	MAT9640001	(3x(2x0.25))C	7.0 7.5
PUR	15	MAT9840101	(3x(2x0.25))C	7.0 7.5
TPE H*	16	MAT9630001	(3x(2x0.25))C	8.0 6.8

B&R Bus cables

Basic cable



X20CA3E61.xxxx				
PVC OIL	28	MAT9630100	(4x0.38)C	7.0 12.5
PUR	29	MAT9730101	(4x0.38)C	7.0 12.5
TPE	12	MAT9930102	(4x0.38)C	7.5 10

Basic cable



X67CA0E41.xxxx				
PVC OIL	28	MAT9630103	(4x0.38)C	7.0 12.5
PUR	29	MAT9730104	(4x0.38)C	7.0 12.5
TPE	12	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



EU2022

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 [mm²]	Ø [mm]	R min. [x d]
Baumüller Servo cables					
15 A Basic cable					
					
324781 (5m)					
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
324782 (7m)					
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
324783 (10m)					
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
324784 (15m)					
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
324785 (20m)					
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
324786 (25m)					
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
324787 (30m)					
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
324788 (35m)					
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 [mm²]	Ø [mm]	R min. [x d]
Baumüller Servo cables					
324789 (40m)					
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
324790 (50m)					
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
324791 (75m)					
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
324792 (100m)					
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
15 A Extension cable					
					
324781 (5m) (ext.)					
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
20 A Basic cable					
					
380967 (7m)					
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
413410 (10m)					
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 [mm²]	Ø [mm]	R min. [x d]
Baumüller Servo cables					
20 A Basic cable					
414840 (5m)					
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
414841 (15m)					
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
414842 (20m)					
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
414843 (25m)					
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
414846 (30m)					
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
414848 (35m)					
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
414849 (40m)					
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
414850 (50m)					
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



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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 [mm²]	Ø [mm]	R min. [x d]
Baumüller Servo cables					
414851 (75m)					
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
414852 (100m)					
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
20 A Extension cable					
414840 (5m) (ext.)					
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
21 A Basic cable					
326577 (5m)					
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
326578 (7m)					
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
326579 (10m)					
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
326580 (15m)					
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

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.
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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	Ø	R min.
		[mm²]	[mm]	[x d]
Baumüller Servo cables				

21 A Basic cable



326581 (20m)				
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
326582 (25m)				
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
326583 (30m)				
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
326584 (35m)				
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
326585 (40m)				
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
326586 (50m)				
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
326587 (75m)				
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
326588 (100m)				
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.
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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



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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	Ø	R min.
		[mm²]	[mm]	[x d]
Baumüller Servo cables				

21 A Extension cable



326577 (5m) (ext.)				
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

28 A Basic cable



326589 (5m)				
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
326591 (7m)				
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
326592 (10m)				
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
326593 (15m)				
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
326594 (20m)				
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
326596 (25m)				
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

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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	Ø	R min.
		[mm²]	[mm]	[x d]
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

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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	Ø	R min.
		[mm²]	[mm]	[x d]
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 [mm²]	Ø [mm]	R min. [x d]
Baumüller Servo cables					
50 A Basic cable					
326609 (5m)					
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
326610 (7m)					
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
326611 (10m)					
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
326612 (15m)					
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
326613 (20m)					
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
326614 (25m)					
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
326615 (30m)					
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
326616 (35m)					
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
326617 (40m)					
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 [mm²]	Ø [mm]	R min. [x d]
Baumüller Servo cables					
50 A Extension cable					
326609 (5m) (ext.)					
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
Baumüller Resolver cables					
SRS/SRM50 & SKS/SKM36 Basic cable					
239540 (5m)					
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
239541 (8m)					
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
239542 (10m)					
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
239543 (15m)					
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
239544 (20m)					
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
239544 (20m)					
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
239545 (25m)					
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 [mm²]	Ø [mm]	R min. [x d]
Baumüller Resolver cables					
SRS/SRM50 & SKS/SKM36 Basic cable					
239546 (30m)					
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
239547 (35m)					
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
240520 (40m)					
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
240521 (45m)					
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
240522 (50m)					
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
242954 (6m)					
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
243379 (4m)					
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
244033 (55m)					
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

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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 [mm²]	Ø [mm]	R min. [x d]
Baumüller Resolver cables					
245484 (60m)					
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
246658 (3m)					
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
SRS/SRM50 & SKS/SKM36 Extension cable					
246658 (3m) (ext.)					
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
Baumüller Pulse encoder cables					
Pulse encoder Basic cable					
198962 (3m)					
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
198963 (5m)					
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
198964 (8m)					
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
198965 (10m)					
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

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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	Ø	R min.
		[mm²]	[mm]	[x d]
Baumüller Pulse encoder cables				

Pulse encoder Basic cable



198966 (15m)				
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
198967 (20m)				
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
198968 (25m)				
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
198969 (30m)				
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
208829 (40m)				
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
225360 (35m)				
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



198962 (3m) (ext.)				
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
198962 (3m) (ext.)				
PVC	08	MAT9292020	(5x(2x0.14)+2x0.5)C	8.0 10

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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	Ø	R min.
		[mm²]	[mm]	[x d]
Baumüller Pulse encoder cables				

ECN1313/EQN1325 Basic cable



369864 (3m)				
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
371494 (20m)				
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
378022 (50m)				
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
380358 (35m)				
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
382005 (45m)				
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
389807 (7m)				
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
389808 (9m)				
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
389808 (9m)				
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
391216 (40m)				
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	Ø	R min.
		[mm²]	[mm]	[x d]
Baumüller Pulse encoder cables				

ECN1313/EQN1325 Basic cable



393889 (2m)					
PVC	08	MAT9290030	(5x(2x0.14)+2x0.5)C	8.0	10
TPE H*	11	MAT9291030	(5x(2x0.14)+2x0.5)C	8.5	6.8
393889 (2m)					
PUR O.I.	09	MAT9940229	(5x(2x0.14)+2x0.5)C	8.0	10
PUR M.I.	10	MAT9840229	(5x(2x0.14)+2x0.5)C	9.0	7.5
393890 (8m)					
PVC	08	MAT9290034	(5x(2x0.14)+2x0.5)C	8.0	10
PUR O.I.	09	MAT9940233	(5x(2x0.14)+2x0.5)C	8.0	10
PUR M.I.	10	MAT9840233	(5x(2x0.14)+2x0.5)C	9.0	7.5
TPE H*	11	MAT9291034	(5x(2x0.14)+2x0.5)C	8.5	6.8
393891 (10m)					
PVC	08	MAT9290036	(5x(2x0.14)+2x0.5)C	8.0	10
PUR O.I.	09	MAT9940235	(5x(2x0.14)+2x0.5)C	8.0	10
PUR M.I.	10	MAT9840235	(5x(2x0.14)+2x0.5)C	9.0	7.5
TPE H*	11	MAT9291036	(5x(2x0.14)+2x0.5)C	8.5	6.8
393892 (15m)					
PVC	08	MAT9290037	(5x(2x0.14)+2x0.5)C	8.0	10
PUR O.I.	09	MAT9940236	(5x(2x0.14)+2x0.5)C	8.0	10
PUR M.I.	10	MAT9840236	(5x(2x0.14)+2x0.5)C	9.0	7.5
TPE H*	11	MAT9291037	(5x(2x0.14)+2x0.5)C	8.5	6.8
393893 (25m)					
PVC	08	MAT9290039	(5x(2x0.14)+2x0.5)C	8.0	10
PUR O.I.	09	MAT9940238	(5x(2x0.14)+2x0.5)C	8.0	10
PUR M.I.	10	MAT9840238	(5x(2x0.14)+2x0.5)C	9.0	7.5
TPE H*	11	MAT9291039	(5x(2x0.14)+2x0.5)C	8.5	6.8
393894 (30m)					
PVC	08	MAT9290040	(5x(2x0.14)+2x0.5)C	8.0	10
PUR O.I.	09	MAT9940239	(5x(2x0.14)+2x0.5)C	8.0	10
PUR M.I.	10	MAT9840239	(5x(2x0.14)+2x0.5)C	9.0	7.5
TPE H*	11	MAT9291040	(5x(2x0.14)+2x0.5)C	8.5	6.8
394014 (5m)					
PVC	08	MAT9290032	(5x(2x0.14)+2x0.5)C	8.0	10
PUR O.I.	09	MAT9940231	(5x(2x0.14)+2x0.5)C	8.0	10
PUR M.I.	10	MAT9840231	(5x(2x0.14)+2x0.5)C	9.0	7.5
TPE H*	11	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	Ø	R min.
		[mm²]	[mm]	[x d]
Baumüller Pulse encoder cables				

ECN1313/EQN1325 Extension cable



393889 (2m) (ext.)					
PVC	08	MAT9292030	(5x(2x0.14)+2x0.5)C	8.0	10
PUR M.I.	10	MAT9840244	(5x(2x0.14)+2x0.5)C	9.0	7.5
TPE H*	11	MAT9293030	(5x(2x0.14)+2x0.5)C	8.5	6.8
393889 (2m) (ext.)					
PUR O.I.	09	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 [mm²]	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	16.0 10
ZK4500-8024-xxx				
PVC O.I.	04	MAT9750312	(4G2.5+(2x1.0)C)+(2xAWG22)C	15.0 10
PUR O.I.	06	MAT9850312	(4G2.5+(2x1.0)C)+(2xAWG22)C	15.0 10

Basic cable



ZK4501-8024-xxx				
PVC O.I.	04	MAT9750313	(4G2.5+(2x1.0)C)+(2xAWG22)C	15.0 10
PUR O.I.	06	MAT9850313	(4G2.5+(2x1.0)C)+(2xAWG22)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



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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 [mm²]	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



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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 [mm²]	Ø [mm]	R min. [x d]
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Beckhoff Hybrid servo cables

Basic cable



ZK4500-8022-xxxx					
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

Basic cable



ZK4500-8023-xxxx					
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

Basic cable



ZK4704-0421-xxxx					
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

Extension cable



ZK4501-8022-xxxx					
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

Extension cable



ZK4501-8023-xxxx					
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

Beckhoff Encoder cables

Basic cable



ZK4000-2410-xxxx					
PVC	14	MAT9381005	(8x(2x0.25))C	10.5	7.5
PUR	15	MAT9382005	(8x(2x0.25))C	10.5	7.5

Basic cable



ZK4000-2610-xxxx					
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



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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 [mm²]	Ø [mm]	R min. [x d]
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Beckhoff Encoder cables

Basic cable



ZK4510-0020-xxxx					
PVC	14	MAT9381001	(8x(2x0.25))C	10.5	7.5
PUR	15	MAT9382001	(8x(2x0.25))C	10.5	7.5

Basic cable



ZK4520-0020-xxxx					
PVC	14	MAT9381002	(6x(2x0.25))C	9.0	7.5
PUR	15	MAT9382002	(6x(2x0.25))C	9.0	7.5

Extension cable



ZK4511-0020-xxxx					
PVC	14	MAT9381003	(8x(2x0.25))C	10.5	7.5
PUR	15	MAT9382003	(8x(2x0.25))C	10.5	7.5

Beckhoff Thermal protection cables

Basic cable



ZK4000-2510-xxxx					
PVC	14	MAT9386001	(2x0.25)C	5.0	7.5
TPE H*	11	MAT9387001	(4x0.34)C	6.0	6.8

Beckhoff Resolver cables

Basic cable



ZK4000-2210-xxxx					
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

Basic cable



ZK4530-0010-xxxx					
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



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EU2022

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	Ø	R min.
		[mm²]	[mm]	[x d]
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	Ø	R min.
		[mm²]	[mm]	[x d]
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

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 | Bosch Rexroth
PVC/PUR

EPLAN macros available online ► Page 572/573

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

Cable quality		Part No.	Number of cores and conductor nominal cross section [mm²]	Ø [mm]	R min. [x d]
Bosch Rexroth Power cables					
Basic cable					
					
IKG0331					
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
IKG4008					
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
IKG4009					
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
IKG4017					
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
IKG4018					
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
IKG4020					
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
IKG4055					
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
IKG4060					
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
IKG4067					
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

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.
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Harnessed drive cables | Bosch Rexroth
PVC/PUR

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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 [mm²]	Ø [mm]	R min. [x d]
Bosch Rexroth Power cables					
IKG4070					
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
IKG4072					
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
IKG4087					
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
IKG4090					
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
IKG4100					
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
IKG4103					
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
IKG4107					
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
IKG4118					
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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Harnessed drive cables | Bosch Rexroth
PVC/PUR

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Cable quality		Part No.	Number of cores and conductor nominal cross section [mm²]	Ø [mm]	R min. [x d]
Bosch Rexroth Power cables					
Basic cable					
					
IKG4119					
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
IKG4119					
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
IKG4147					
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
IKG4150					
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
IKG4155					
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
IKG4164					
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
IKG4167					
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
IKG4172					
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
IKG4173					
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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PVC/PUR

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Cable quality		Part No.	Number of cores and conductor nominal cross section [mm²]	Ø [mm]	R min. [x d]
Bosch Rexroth Power cables					
IKG4186					
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
IKG4200					
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
IKG4204					
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
IKL0001					
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
IKL0002					
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
IKL0006					
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
IKL0011					
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
IKL0012					
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
IKL0021					
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
IKL0022					
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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PVC/PUR

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Cable quality	Part No.	Number of cores and conductor nominal cross section	Ø	R min.
		[mm²]	[mm]	[x d]
Bosch Rexroth Power cables				

Basic cable



IKL0041					
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
IKL0042					
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
IKL0061					
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
IKL0081					
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
IKL0101					
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
IKL0121					
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
IKL0161					
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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PVC/PUR

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Cable quality	Part No.	Number of cores and conductor nominal cross section	Ø	R min.
		[mm²]	[mm]	[x d]
Bosch Rexroth Power cables				

Basic cable



RKL0006					
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
RKL0013					
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
RKL0014					
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
RKL0019					
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
RKL0053					
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
RKL0054					
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
RKL4300					
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
RKL4301					
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
RKL4302					
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

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 | Bosch Rexroth
PVC/PUR

EPLAN macros available online ► Page 572/573

* 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 ²]	Ø [mm]	R min. [x d]
Bosch Rexroth Power cables					
					
Basic cable					
RKL4303					
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
RKL4306					
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
RKL4307					
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
RKL4308					
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
RKL4309					
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
RKL4310					
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
RKL4313					
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
RKL4314					
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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Harnessed drive cables | Bosch Rexroth
PVC/PUR

EPLAN macros available online ► Page 572/573

* 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 ²]	Ø [mm]	R min. [x d]
Bosch Rexroth Power cables					
RKL4315					
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
RKL4317					
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
RKL4318					
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
RKL4320					
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
RKL4321					
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
RKL4322					
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
RKL4323					
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
RKL4324					
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
RKL4325					
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

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Harnessed drive cables | Bosch Rexroth
PVC/PUR

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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 ²]	Ø [mm]	R min. [x d]
Bosch Rexroth Power cables					
Basic cable					
RKL4326					
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
RKL4327					
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
RKL4328					
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
RKL4329					
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
RKL4330					
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
RKL4331					
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
RKL4332					
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
RKL4343					
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
RKL4344					
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

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Harnessed drive cables | Bosch Rexroth
PVC/PUR

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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 ²]	Ø [mm]	R min. [x d]
Bosch Rexroth Power cables					
Linking cable with adapter plug					
IKG0332					
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
IKG4006					
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
IKG4016					
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
IKG4061					
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
IKG4074					
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
IKG4081					
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
IKG4141					
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
IKG4161					
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
IKL0003					
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

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Harnessed drive cables | Bosch Rexroth
PVC/PUR

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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	Ø	R min.
		[mm²]	[mm]	[x d]

Bosch Rexroth Power cables

Linking cable with adapter plug



IKL0023					
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
IKL0089					
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
IKL0168					
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
RKL0035					
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
RKL4304					
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
RKL4305					
PVC M.I.	05	MAT9191008	(4G1.0+2x(2x0.75)C)	13.5	7.5
PUR O.I.	06	MAT9851376	(4G1.0+2x(2x0.75)C)	13.0	10
PUR M.I.	07	MAT9091008	(4G1.0+2x(2x0.75)C)	13.5	7.5
RKL4311					
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



RKL4312					
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

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Harnessed drive cables | Bosch Rexroth
PVC/PUR

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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	Ø	R min.
		[mm²]	[mm]	[x d]

Bosch Rexroth Power cables

RKL4316					
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
RKL4319					
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
RKL4335					
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
RKL4336					
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
RKL4337					
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
RKL4338					
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
RKL4339					
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
RKL4340					
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
RKL4341					
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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Harnessed drive cables | Bosch Rexroth
PVC/PUR

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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 [mm²]	Ø [mm]	R min. [x d]
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

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Harnessed drive cables | Bosch Rexroth
PVC/PUR/TPE

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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 [mm²]	Ø [mm]	R min. [x d]
Bosch Rexroth Hybrid servo cables				



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

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Harnessed drive cables | Bosch Rexroth
PVC/PUR/TPE

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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 ²]	Ø [mm]	R min. [x d]
Bosch Rexroth Encoder cables				

Basic cable



IKS4001					
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
IKS4002					
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
IKS4020					
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
IKS4038					
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
IKS4041					
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
IKS4042					
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



IKS4066					
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



IKS4103					
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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* 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 ²]	Ø [mm]	R min. [x d]
Bosch Rexroth Encoder cables				

Basic cable



IKS4142					
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
IKS4314					
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
IKS4374					
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
IKS4375					
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
IKS4384					
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
IKS4389					
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



RG2-002AAB-NN-xxx,x					
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
RKG0014					
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
RKG0020					
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

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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 [mm²]	Ø [mm]	R min. [x d]
Bosch Rexroth Encoder cables				

Basic cable



RKG0026				
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
RKG0028				
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
RKG4200				
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

Linking cable with adapter plug



IKS0232				
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
IKS0255				
TPE H*	24	MAT9100018	(12x0.5)C	11.5 5
IKS0303				
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
IKS4065				
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
IKS4151				
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
IKS4153				
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

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 | Bosch Rexroth
PVC/PUR/TPE

EPLAN macros available online ► Page 572/573

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

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm²]	Ø [mm]	R min. [x d]
Bosch Rexroth Encoder cables				

IKS4322				
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
IKS4376				
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

Extension cable with adapter plug



RG2-510AAB-NN-xxx,x				
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
RKG4201				
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



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



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 | Elau/Schneider Electric

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	Ø	R min.
		[mm²]	[mm]	[x d]

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

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Harnessed drive cables | Elau/Schneider Electric

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	Ø	R min.
		[mm²]	[mm]	[x d]

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

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 | 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	Ø	R min.
		[mm²]	[mm]	[x d]

Fagor Path measuring cables

Extension cable



iEEC-x					
PUR O.I.	09	MAT9950808	(4x(2x0.14)+4x0.5)C	8.5	10
PUR M.I.	10	MAT9850808	(4x(2x0.14)+4x0.5)C	9.0	7.5
TPE H*	11	MAT9520070	(4x(2x0.14)+4x0.5)C	9.0	6.8

Extension cable



iXC-C2-D					
PUR O.I.	09	MAT9950801	(4x(2x0.14)+4x0.5)C	8.5	10
PUR M.I.	10	MAT9850801	(4x(2x0.14)+4x0.5)C	9.0	7.5
TPE H*	11	MAT9520001	(4x(2x0.14)+4x0.5)C	9.0	6.8

Extension cable



iXC-C2-FN2					
PUR O.I.	09	MAT9950807	(4x(2x0.14)+4x0.5)C	8.5	10
PUR M.I.	10	MAT9850807	(4x(2x0.14)+4x0.5)C	9.0	7.5
TPE H*	11	MAT9520060	(4x(2x0.14)+4x0.5)C	9.0	6.8

Extension cable



iXC-C2-H					
PUR O.I.	09	MAT9950803	(4x(2x0.14)+4x0.5)C	8.5	10
PUR M.I.	10	MAT9850803	(4x(2x0.14)+4x0.5)C	9.0	7.5
TPE H*	11	MAT9520020	(4x(2x0.14)+4x0.5)C	9.0	6.8

Extension cable



iXC-C4-D					
PUR O.I.	09	MAT9950802	(4x(2x0.14)+4x0.5)C	8.5	10
PUR M.I.	10	MAT9850802	(4x(2x0.14)+4x0.5)C	9.0	7.5
TPE H*	11	MAT9520010	(4x(2x0.14)+4x0.5)C	9.0	6.8

Extension cable



iXC-C8-F-C9					
PUR O.I.	09	MAT9950805	(2x(2x(2x0.14)))+(4x0.14)C+(4x0.5))C	10.5	10
PUR M.I.	10	MAT9850805	(2x(2x(2x0.14)))+(4x0.14)C+(4x0.5))C	11.0	7.5
TPE H*	11	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



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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	Ø	R min.
		[mm²]	[mm]	[x d]

Fagor Path measuring cables

Extension cable



iXC-C8-F-D					
PUR O.I.	09	MAT9950804	(2x(2x(2x0.14)))+(4x0.14)C+(4x0.5))C	10.5	10
PUR M.I.	10	MAT9850804	(2x(2x(2x0.14)))+(4x0.14)C+(4x0.5))C	11.0	7.5
TPE H*	11	MAT9520030	(2x(2x(2x0.14)))+(4x0.14)C+(4x0.5))C	11.0	6.8

Extension cable



iXC-C8-FN					
PUR O.I.	09	MAT9950806	(4x(2x0.14)+4x0.5)C	8.5	10
PUR M.I.	10	MAT9850806	(4x(2x0.14)+4x0.5)C	9.0	7.5
TPE H*	11	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



EU2022

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	Ø	R min.
		[mm²]	[mm]	[x d]
Fanuc Power cables				

Basic cable



LX660-8077-T261				
PVC M.I.	01	MAT9760901	(4G1.5)C	10.0 7.5
PUR O.I.	06	MAT9200061	(4G1.5)C	10.0 10
PUR M.I.	07	MAT9210061	(4G1.5)C	11.0 7.5
TPE F	02	MAT9960901	(4G1.5)C	10.0 7.5

Basic cable



LX660-8077-T264				
PVC M.I.	01	MAT9760902	(4G2.5)C	11.5 7.5
PUR O.I.	06	MAT9200064	(4G2.5)C	11.5 10
PUR M.I.	07	MAT9210064	(4G2.5)C	12.5 7.5
TPE F	02	MAT9960902	(4G2.5)C	11.5 7.5
LX660-8077-T266				
PVC M.I.	01	MAT9760904	(4G2.5)C	11.5 7.5
PUR O.I.	06	MAT9200066	(4G2.5)C	11.5 10
PUR M.I.	07	MAT9210066	(4G2.5)C	12.5 7.5
TPE F	02	MAT9960904	(4G2.5)C	11.5 7.5

Basic cable



LX660-8077-T265				
PVC M.I.	01	MAT9760903	(4G2.5)C	11.5 7.5
PUR O.I.	06	MAT9200065	(4G2.5)C	11.5 10
PUR M.I.	07	MAT9210065	(4G2.5)C	12.5 7.5
TPE F	02	MAT9960903	(4G2.5)C	11.5 7.5
LX660-8077-T267				
PVC M.I.	01	MAT9760905	(4G2.5)C	11.5 7.5
PUR O.I.	06	MAT9200067	(4G2.5)C	11.5 10
PUR M.I.	07	MAT9210067	(4G2.5)C	12.5 7.5
TPE F	02	MAT9960905	(4G2.5)C	11.5 7.5

Basic cable



LX660-8077-T270				
PVC M.I.	01	MAT9760906	(4G4.0)C	13.0 7.5
PUR O.I.	06	MAT9200070	(4G4.0)C	13.0 10
PUR M.I.	07	MAT9210070	(4G4.0+(2x1.5)C)C	16.0 7.5
TPE F	02	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	Ø	R min.
		[mm²]	[mm]	[x d]
Fanuc Power cables				

Basic cable



LX660-8077-T271				
PVC M.I.	01	MAT9760907	(4G4.0)C	13.0 7.5
PUR O.I.	06	MAT9200071	(4G4.0)C	13.0 10
PUR M.I.	07	MAT9210071	(4G4.0+(2x1.5)C)C	16.0 7.5
TPE F	02	MAT9960907	(4G4.0)C	13.0 7.5

Basic cable

LX660-8077-T272				
PVC M.I.	01	MAT9760908	(4G10)C	18.5 7.5
PUR O.I.	06	MAT9200072	(4G10)C	18.0 10
PUR M.I.	07	MAT9210072	(4G10+(2x1.5)C)C	21.0 7.5
TPE F	02	MAT9960908	(4G10)C	18.5 7.5

Basic cable

LX660-8077-T273				
PVC M.I.	01	MAT9760909	(4G10)C	18.5 7.5
PUR O.I.	06	MAT9200073	(4G10)C	18.0 10
PUR M.I.	07	MAT9210073	(4G10+(2x1.5)C)C	21.0 7.5
TPE F	02	MAT9960909	(4G10)C	18.5 7.5

Basic cable



LX660-8077-T291				
PVC M.I.	01	MAT9760910	(4G2.5)C	11.5 7.5
PUR O.I.	06	MAT9200091	(4G2.5)C	11.5 10
PUR M.I.	07	MAT9210091	(4G2.5)C	12.5 7.5
TPE F	02	MAT9960910	(4G2.5)C	11.5 7.5

Basic cable

LX660-8077-T293				
PVC M.I.	01	MAT9760912	(4G4.0)C	13.0 7.5
PUR O.I.	06	MAT9200093	(4G4.0)C	13.0 10
PUR M.I.	07	MAT9210093	(4G4.0+(2x1.5)C)C	16.0 7.5
TPE F	02	MAT9960912	(4G4.0)C	13.0 7.5

Basic cable



LX660-8077-T292				
PVC M.I.	01	MAT9760911	(4G4.0)C	13.0 7.5
PUR O.I.	06	MAT9200092	(4G4.0)C	13.0 10
PUR M.I.	07	MAT9210092	(4G4.0+(2x1.5)C)C	16.0 7.5
TPE F	02	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.
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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 | 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 ²]	Ø [mm]	R min. [x d]
Fanuc Power cables				

Basic cable



LX660-8077-T296

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

Basic cable



LX660-8077-T298

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

Basic cable



LX660-8077-T300

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

Fanuc Servo cables

Basic cable



LX660-8077-T259

PUR O.I.	06	MAT9850916	(4G1.5)C	10.0	10
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Basic cable



LX660-8077-T274

PUR O.I.	06	MAT9850921	(4G2.5)C	11.5	10
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LX660-8077-T416

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

PUR O.I.	06	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



EU2022

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 ²]	Ø [mm]	R min. [x d]
Fanuc Servo cables				

Basic cable



LX660-8077-T470

PUR O.I.	06	MAT9850925	(4G4.0)C	13.0	10
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Basic cable



LX660-8077-T471

PUR O.I.	06	MAT9850917	(4G4.0)C	13.0	10
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Fanuc Brake cables

Basic cable



LX660-8077-T311

PUR M.I.	22	MAT9810919	(3G0.75)C	8.0	6.8
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Fanuc Signal cables

Basic cable



LX660-2018-T015

PVC	14	MAT9840924	(10x(2x0.25))C	12.0	7.5
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Basic cable



LX660-4077-T296

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

Basic cable



LX660-4077-T297

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

Basic cable



LX660-4077-T302

PUR O.I.	09	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



EU2022

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	Ø	R min.
			[mm²]	[mm]	[x d]
Fanuc Signal cables					
Basic cable					
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
Basic cable					
LX660-4077-T303					
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
LX660-4077-T310					
TPE H*	11	MAT9940922	((4x0.25)+3x(2x0.25+2x0.5))C	10.0	6.8
Basic cable					
LX660-4077-T319					
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 [mm²]	Ø [mm]	R min. [x d]
Festo Servo cables					
Basic cable					
NEBM-M16G8-E-xxx-Q7-LE8					
PUR O.I.	06	MAT9852303	(4G0.75+2x(2x0.34))C)C	12.0	10
Basic cable					
NEBM-M23G6-E-xxx-N-LE7					
PVC O.I.	04	MAT9752301	(4G1.5+2x(2x0.75))C)C	13.5	10
PVC M.I.	05	MAT9752317	(4G1.5+2x(2x0.75))C)C	14.5	7.5
PUR O.I.	06	MAT9852301	(4G1.5+2x(2x0.75))C)C	13.5	10
PUR M.I.	07	MAT9852317	(4G1.5+2x(2x0.75))C)C	14.5	7.5
NEBM-M23G8-E-xxx-N-LE8					
PVC O.I.	04	MAT9752300	(4G2.5+2x(2x1.5))C)C	16.0	10
PVC M.I.	05	MAT9752316	(4G2.5+2x(2x1.5))C)C	17.0	7.5
PUR O.I.	06	MAT9852300	(4G2.5+(4x0.5))C)C	13.5	10
PUR M.I.	07	MAT9852316	(4G2.5+(4x0.5))C)C	14.0	7.5
Basic cable					
NEBM-M40G8-E-xxx-N-LE7					
PVC O.I.	04	MAT9752302	(4G2.5+2x(2x1.5))C)C	16.0	10
PVC M.I.	05	MAT9752318	(4G2.5+2x(2x1.5))C)C	17.0	7.5
PUR O.I.	06	MAT9852302	(4G2.5+2x(2x1.5))C)C	16.0	10
PUR M.I.	07	MAT9852318	(4G2.5+2x(2x1.5))C)C	16.0	7.5

Festo Control cables					
Basic cable					
KPWR-MC-1-SUB-9HC-xxx					
PVC M.I.	18	MAT9712320	(3G1.5)C	9.0	7.5
PUR M.I.	22	MAT9812320	(3G1.5)C	9.5	6.8

Festo Encoder cables					
Basic cable					
NEBM-M23G12-E-xxx-N-S1G9					
PVC	08	MAT9742308	(3x(2x0.14)C+2x(0.5)C)C	9.5	10
PUR O.I.	09	MAT9842308	(3x(2x0.14)C+2x(0.5)C)C	9.5	10
PUR M.I.	10	MAT9842324	(3x(2x0.14)C+2x(0.5)C)C	10.0	7.5
TPE H*	11	MAT9942308	(3x(2x0.14)C+2x(0.5)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 | 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 [mm²]	Ø [mm]	R min. [x d]
Festo Data cables				
Basic cable				
KDI-MC-M8-SUB-9-xxx				
PVC	30	MAT9722311	(3x0.25)C	5.0 10
PUR	13	MAT9822311	(3x0.25)C	5.5 10
Basic cable				
KES-MC-1-SUB-9-xxx				
PVC	30	MAT9722310	(14x0.14)C	7.0 10
PUR	13	MAT9822310	(14x0.14)C	7.5 10
Basic cable				
NEBM-M12G8-E-xxx-N-S1G15				
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
Basic cable				
NEBM-M12G8-E-xxx-S1G9				
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
Basic cable				
NEBM-M12W8-E-xxx-N-S1G15				
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 [mm²]	Ø [mm]	R min. [x d]
Festo Data cables				
Basic cable				
NEBM-S1G15-E-xxx-LE6				
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
Basic cable				
NEBM-S1G9-E-xxx-LE6				
PVC	30	MAT9722313	(7x0.34)C	7.5 10
PUR	13	MAT9822313	(7x0.34)C	6.5 10
Festo Bus cables				
Basic cable				
FBA-CO-SUB-9-M12				
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	Ø	R min.
		[mm²]	[mm]	[x d]

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



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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	Ø	R min.
		[mm²]	[mm]	[x d]

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 [mm²]	Ø [mm]	R min. [x d]
Heidenhain Adapter cables				

Linking cable



336 376-xx				
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
604 419-xx				
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

Linking cable



298 402-xx				
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

Linking cable



309 738-xx				
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

Linking cable



309 774-xx				
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

Linking cable



368 172-xx				
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 [mm²]	Ø [mm]	R min. [x d]
Heidenhain Adapter cables				

Linking cable



309 777-xx				
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
309 778-xx				
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
533 627-xx				
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

Linking cable



310 193-xx				
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

Linking cable



310 197-xx				
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
310 199-xx				
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

Linking cable



323 897-xx				
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	Ø	R min.
		[mm²]	[mm]	[x d]

Heidenhain Adapter cables

Linking cable



324 544-xx					
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
332 115-xx					
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

Linking cable



335 077-xx					
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

Linking cable



354 411-xx					
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
355 398-xx					
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

Linking cable



360 472-xx					
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

Linking cable



309 779-xx					
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	Ø	R min.
		[mm²]	[mm]	[x d]

Heidenhain Adapter cables

Linking cable



309 780-xx					
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

Linking cable



354 770-xx					
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	Ø	R min.
		[mm²]	[mm]	[x d]
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



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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	Ø	R min.
		[mm²]	[mm]	[x d]
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

Harnessed drive cables | Kollmorgen/Danaher Motion
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 [mm²]	Ø [mm]	R min. [x d]
Kollmorgen/Danaher Motion Motor cables					
Basic cable					
					
88959 (5m)					
TPE H*	03	MAT9960626	(4G2.5)C	11.5	7.5
88960 (10m)					
TPE H*	03	MAT9960627	(4G2.5)C	11.5	7.5
88962 (15m)					
TPE H*	03	MAT9960628	(4G2.5)C	11.5	7.5
88964 (20m)					
TPE H*	03	MAT9960629	(4G2.5)C	11.5	7.5
88966 (25m)					
TPE H*	03	MAT9960630	(4G2.5)C	11.5	7.5
89918 (5m)					
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
89952 (10m)					
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
89953 (15m)					
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
89954 (20m)					
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
89956 (25m)					
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
89959 (5m)					
PVC M.I.	01	MAT9340004	(4G2.5)C	11.5	7.5
TPE F	02	MAT9440004	(4G2.5)C	11.5	7.5
89960 (10m)					
PVC M.I.	01	MAT9340073	(4G2.5)C	11.5	7.5
TPE F	02	MAT9440073	(4G2.5)C	11.5	7.5
89962 (15m)					
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



Harnessed drive cables | Kollmorgen/Danaher Motion
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 [mm²]	Ø [mm]	R min. [x d]
Kollmorgen/Danaher Motion Motor cables					
89964 (20m)					
PVC M.I.	01	MAT9340075	(4G2.5)C	11.5	7.5
TPE F	02	MAT9440075	(4G2.5)C	11.5	7.5
89966 (25m)					
PVC M.I.	01	MAT9340076	(4G2.5)C	11.5	7.5
TPE F	02	MAT9440076	(4G2.5)C	11.5	7.5
90083 (5m)					
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
90084 (10m)					
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
90085 (15m)					
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
90086 (20m)					
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
90087 (25m)					
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

Basic cable



102575 (5m)					
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
102576 (10m)					
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
102806 (15m)					
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

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



Harnessed drive cables | Kollmorgen/Danaher Motion
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	Ø	R min.
		[mm²]	[mm]	[x d]

Kollmorgen/Danaher Motion Motor cables

Basic cable



102807 (20m)				
PVC M.I.	01	MAT9340061	(4G1.5)C	10.0 7.5
TPE F	02	MAT9440061	(4G1.5)C	10.0 7.5
TPE H*	03	MAT9960614	(4G1.5)C	10.0 7.5
102808 (25m)				
PVC M.I.	01	MAT9340062	(4G1.5)C	10.0 7.5
TPE F	02	MAT9440062	(4G1.5)C	10.0 7.5
TPE H*	03	MAT9960615	(4G1.5)C	10.0 7.5

Basic cable



107473 (5m)				
PVC M.I.	01	MAT9340053	(4G1.5)C	10.0 7.5
TPE F	02	MAT9440053	(4G1.5)C	10.0 7.5
TPE H*	03	MAT9960606	(4G1.5)C	10.0 7.5
107474 (10m)				
PVC M.I.	01	MAT9340054	(4G1.5)C	10.0 7.5
TPE F	02	MAT9440054	(4G1.5)C	10.0 7.5
TPE H*	03	MAT9960607	(4G1.5)C	10.0 7.5
107475 (15m)				
PVC M.I.	01	MAT9340055	(4G1.5)C	10.0 7.5
TPE F	02	MAT9440055	(4G1.5)C	10.0 7.5
TPE H*	03	MAT9960608	(4G1.5)C	10.0 7.5
107476 (20m)				
PVC M.I.	01	MAT9340056	(4G1.5)C	10.0 7.5
TPE F	02	MAT9440056	(4G1.5)C	10.0 7.5
TPE H*	03	MAT9960609	(4G1.5)C	10.0 7.5
107477 (25m)				
PVC M.I.	01	MAT9340057	(4G1.5)C	10.0 7.5
TPE F	02	MAT9440057	(4G1.5)C	10.0 7.5
TPE H*	03	MAT9960610	(4G1.5)C	10.0 7.5

Basic cable



107485 (5m)				
PVC M.I.	01	MAT9340002	(4G1.5)C	10.0 7.5
TPE F	02	MAT9440002	(4G1.5)C	10.0 7.5
TPE H*	03	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

Harnessed drive cables | Kollmorgen/Danaher Motion
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	Ø	R min.
		[mm²]	[mm]	[x d]

Kollmorgen/Danaher Motion Motor cables

107486 (10m)				
PVC M.I.	01	MAT9340049	(4G1.5)C	10.0 7.5
TPE F	02	MAT9440049	(4G1.5)C	10.0 7.5
TPE H*	03	MAT9960602	(4G1.5)C	10.0 7.5
107487 (15m)				
PVC M.I.	01	MAT9340050	(4G1.5)C	10.0 7.5
TPE F	02	MAT9440050	(4G1.5)C	10.0 7.5
TPE H*	03	MAT9960603	(4G1.5)C	10.0 7.5
107488 (20m)				
PVC M.I.	01	MAT9340051	(4G1.5)C	10.0 7.5
TPE F	02	MAT9440051	(4G1.5)C	10.0 7.5
TPE H*	03	MAT9960604	(4G1.5)C	10.0 7.5
107489 (25m)				
PVC M.I.	01	MAT9340052	(4G1.5)C	10.0 7.5
TPE F	02	MAT9440052	(4G1.5)C	10.0 7.5
TPE H*	03	MAT9960605	(4G1.5)C	10.0 7.5

Basic cable



200456 (5m)				
PVC M.I.	01	MAT9340077	(4G1.5)C	10.0 7.5
TPE F	02	MAT9440077	(4G1.5)C	10.0 7.5
TPE H*	03	MAT9960631	(4G1.5)C	10.0 7.5
200457 (10m)				
PVC M.I.	01	MAT9340078	(4G1.5)C	10.0 7.5
TPE F	02	MAT9440078	(4G1.5)C	10.0 7.5
TPE H*	03	MAT9960632	(4G1.5)C	10.0 7.5
200458 (15m)				
PVC M.I.	01	MAT9340079	(4G1.5)C	10.0 7.5
TPE F	02	MAT9440079	(4G1.5)C	10.0 7.5
TPE H*	03	MAT9960633	(4G1.5)C	10.0 7.5
200459 (20m)				
PVC M.I.	01	MAT9340080	(4G1.5)C	10.0 7.5
TPE F	02	MAT9440080	(4G1.5)C	10.0 7.5
TPE H*	03	MAT9960634	(4G1.5)C	10.0 7.5
200460 (25m)				
PVC M.I.	01	MAT9340081	(4G1.5)C	10.0 7.5
TPE F	02	MAT9440081	(4G1.5)C	10.0 7.5
TPE H*	03	MAT9960635	(4G1.5)C	10.0 7.5
200468 (5m)				
PVC M.I.	01	MAT9340082	(4G2.5)C	11.5 7.5
TPE F	02	MAT9440082	(4G2.5)C	11.5 7.5
TPE H*	03	MAT9960636	(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

Harnessed drive cables | Kollmorgen/Danaher Motion
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	Ø	R min.
			[mm]	[x d]
Kollmorgen/Danaher Motion Motor cables				

Basic cable



200469 (10m)				
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
200470 (15m)				
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
200471 (20m)				
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
200472 (25m)				
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
200618 (5m)				
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
200619 (10m)				
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
200620 (15m)				
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
200621 (20m)				
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
200622 (25m)				
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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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	Ø	R min.
			[mm]	[x d]
Kollmorgen/Danaher Motion Servo cables				

Basic cable



89957 (5m)				
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
89961 (10m)				
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
89963 (15m)				
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
89965 (20m)				
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
89967 (25m)				
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
89968 (5m)				
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
89969 (25m)				
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
89970 (10m)				
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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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	Ø	R min.
			[mm]	[x d]
Kollmorgen/Danaher Motion Servo cables				

Basic cable



89971 (15m)				
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
89972 (20m)				
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
90088 (5m)				
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
90089 (10m)				
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
90090 (15m)				
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
90091 (20m)				
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
90092 (25m)				
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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Harnessed drive cables | Kollmorgen/Danaher Motion
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	Ø	R min.
		[mm²]	[mm]	[x d]
Kollmorgen/Danaher Motion Servo cables				

Basic cable



102579 (5m)				
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
102580 (10m)				
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
102809 (15m)				
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
102810 (20m)				
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
102811 (25m)				
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

Basic cable



107479 (5m)				
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
107480 (10m)				
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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Harnessed drive cables | Kollmorgen/Danaher Motion
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	Ø	R min.
		[mm²]	[mm]	[x d]

Kollmorgen/Danaher Motion Servo cables

Basic cable



107481 (15m)				
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
107482 (20m)				
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
107483 (25m)				
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

Basic cable



107491 (5m)				
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
107492 (10m)				
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
107493 (15m)				
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
107494 (20m)				
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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Harnessed drive cables | Kollmorgen/Danaher Motion
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	Ø	R min.
		[mm²]	[mm]	[x d]

Kollmorgen/Danaher Motion Servo cables

107495 (25m)

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

Basic cable



200462 (5m)				
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
200463 (10m)				
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
200464 (15m)				
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
200465 (20m)				
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
200466 (25m)				
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
200474 (5m)				
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
200475 (10m)				
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

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 | Kollmorgen/Danaher Motion
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	Ø	R min.
		[mm²]	[mm]	[x d]
Kollmorgen/Danaher Motion Servo cables				

Basic cable



200476 (15m)					
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
200477 (20m)					
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
200478 (25m)					
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
200623 (5m)					
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
200624 (10m)					
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
200625 (15m)					
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
200626 (20m)					
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
200627 (25m)					
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

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

Harnessed drive cables | Kollmorgen/Danaher Motion
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	Ø	R min.
		[mm²]	[mm]	[x d]
Kollmorgen/Danaher Motion Signal cables				

Basic cable



107915 (5m)					
PVC	14	MAT9320004	(8x(2x0.25))C	10.5	7.5
TPE H*	16	MAT9330004	(8x(2x0.34))C	13.0	6.8
107916 (10m)					
PVC	14	MAT9320017	(8x(2x0.25))C	10.5	7.5
TPE H*	16	MAT9330017	(8x(2x0.34))C	13.0	6.8
107917 (15m)					
PVC	14	MAT9320018	(8x(2x0.25))C	10.5	7.5
TPE H*	16	MAT9330018	(8x(2x0.34))C	13.0	6.8
107918 (20m)					
PVC	14	MAT9320019	(8x(2x0.25))C	10.5	7.5
TPE H*	16	MAT9330019	(8x(2x0.34))C	13.0	6.8
107919 (25m)					
PVC	14	MAT9320020	(8x(2x0.25))C	10.5	7.5
TPE H*	16	MAT9330020	(8x(2x0.34))C	13.0	6.8
84972 (5m)					
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
84973 (10m)					
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
84974 (15m)					
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
84975 (20m)					
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
87655 (25m)					
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
90287 (5m)					
PVC	14	MAT9320002	(8x(2x0.25))C	10.5	7.5
TPE H*	16	MAT9330002	(8x(2x0.34))C	13.0	6.8
91019 (10m)					
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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Harnessed drive cables | Kollmorgen/Danaher Motion
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	Ø	R min.
		[mm²]	[mm]	[x d]
Kollmorgen/Danaher Motion Signal cables				

Basic cable



91807 (20m)					
PVC	14	MAT9320015	(8x(2x0.25))C	10.5	7.5
TPE H*	16	MAT9330015	(8x(2x0.34))C	13.0	6.8
91811 (15m)					
PVC	14	MAT9320014	(8x(2x0.25))C	10.5	7.5
TPE H*	16	MAT9330014	(8x(2x0.34))C	13.0	6.8
92205 (25m)					
PVC	14	MAT9320016	(8x(2x0.25))C	10.5	7.5
TPE H*	16	MAT9330016	(8x(2x0.34))C	13.0	6.8

Basic cable



85034 (5m)					
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
85035 (10m)					
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
85036 (15m)					
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
85037 (20m)					
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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* 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 | Kollmorgen/Danaher Motion
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	Ø	R min.
		[mm²]	[mm]	[x d]
Kollmorgen/Danaher Motion Signal cables				

Basic cable



85039 (5m)					
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
85040 (10m)					
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
85041 (15m)					
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
85042 (20m)					
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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* 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 | 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 [mm²]	Ø [mm]	R min. [x d]
Lenze Servo cables				
Basic cable				
EWLMxxxGMS-015C				
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
EWLMxxxGMS-025				
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
EWLMxxxGMS-040I				
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
EYP0010AxxxxA00P01				
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
EYP0010AxxxxM01A00				
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
EYP0011AxxxxA00P01				
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
EYP0011AxxxxM01A00				
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
EYP0012AxxxxA00P01				
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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* 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 [mm²]	Ø [mm]	R min. [x d]
Lenze Servo cables				
EYP0012AxxxxA00P02				
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
EYP0012AxxxxM01A00				
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
EYP0012AxxxxM02A00				
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
EYP0013AxxxxA00P02				
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
EYP0013AxxxxM02A00				
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
EYP0014AxxxxA00P03				
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
EYP0014AxxxxM03A00				
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
EYP0015AxxxxA00P03				
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
EYP0015AxxxxM03A00				
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	Ø	R min.
		[mm²]	[mm]	[x d]
Lenze Servo cables				

Basic cable



EYP0016AxxxxA00P03				
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
EYP0016AxxxxM03A00				
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

Linking cable



EWLMxxxZM-015C				
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
EWLMxxxZM-025				
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
EYP0010VxxxxM01P01				
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
EYP0011VxxxxM01P01				
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
EYP0012VxxxxM01P01				
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
EYP0012VxxxxM02P02				
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	Ø	R min.
		[mm²]	[mm]	[x d]
Lenze Servo cables				

EYP0013VxxxxM02P02

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

EYP0014VxxxxM03P03

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

EYP0015VxxxxM03P03

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

EYP0016VxxxxM03P03

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



EWLLxxxGMS

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

EYL002AxxxxL01A00

PVC OIL	19	MAT9130040	5G1.0	8.0 6.8
TPE H*	23	MAT9120040	5G1.0	7.5 5

EYL002AxxxxL02A00

PVC OIL	19	MAT9130041	5G1.0	8.0 6.8
TPE H*	23	MAT9120041	5G1.0	7.5 5

Linking cable



EWLLxxxZM

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

EYL002VxxxxL01J01

PVC OIL	19	MAT9130044	5G1.0	8.0 6.8
TPE H*	23	MAT9120044	5G1.0	7.5 5

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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 [mm²]	Ø [mm]	R min. [x d]
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

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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



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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 [mm²]	Ø [mm]	R min. [x d]
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

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

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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



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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 [mm²]	Ø [mm]	R min. [x d]
Lenze Feedback cables				

Basic cable



EYF0018AxxxxF02S03				
PVC	08	MAT9130088	4x(2x0.14)C+2x(1.0)C	9.5 10
TPE H*	11	MAT9120088	4x(2x0.14)C+2x(1.0)C	9.5 6.8

Basic cable



EYF0018AxxxxF02W02				
PVC	08	MAT9130087	4x(2x0.14)C+2x(1.0)C	9.5 10
PUR M.I.	10	MAT9121087	4x(2x0.14)C+2x(1.0)C	9.5 7.5
TPE H*	11	MAT9120087	4x(2x0.14)C+2x(1.0)C	9.5 6.8

Basic cable



EYF0019AxxxxF02S03				
PUR M.I.	10	MAT9121088	4x(2x0.14)C+2x(1.0)C	9.5 7.5

Basic cable



EYF0020AxxxxA00S04				
PVC	08	MAT9130092	3x(2x0.14)C+(3x0.14)C	8.0 10
PUR M.I.	10	MAT9121092	3x(2x0.14)C+(3x0.14)C	8.5 7.5
TPE H*	11	MAT9120092	3x(2x0.14)C+(3x0.14)C	8.0 6.8

Basic cable



EYF0020AxxxxA00S05				
PVC	08	MAT9130093	3x(2x0.14)C+(3x0.14)C	8.0 10
PUR M.I.	10	MAT9121093	3x(2x0.14)C+(3x0.14)C	8.5 7.5
TPE H*	11	MAT9120093	3x(2x0.14)C+(3x0.14)C	8.0 6.8

Basic cable



EYF0020AxxxxF01S04				
PVC	08	MAT9130089	3x(2x0.14)C+(3x0.14)C	8.0 10
PUR M.I.	10	MAT9121089	3x(2x0.14)C+(3x0.14)C	8.5 7.5
TPE H*	11	MAT9120089	3x(2x0.14)C+(3x0.14)C	8.0 6.8

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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 [mm²]	Ø [mm]	R min. [x d]
Lenze Feedback cables				

Basic cable



EYF0020AxxxxF01S05				
PVC	08	MAT9130090	3x(2x0.14)C+(3x0.14)C	8.0 10
PUR M.I.	10	MAT9121090	3x(2x0.14)C+(3x0.14)C	8.5 7.5
TPE H*	11	MAT9120090	3x(2x0.14)C+(3x0.14)C	8.0 6.8

Basic cable



EYF0021AxxxxA00S03				
PUR M.I.	10	MAT9121094	3x(2x0.14)C+(4x0.14)C+2x(2x0.5)C	11.5 7.5
TPE H*	11	MAT9120094	3x(2x0.14)C+(4x0.14)C+2x(2x0.5)C	11.0 6.8

Basic cable



EYF0021AxxxxF03S03				
PUR M.I.	10	MAT9121086	3x(2x0.14)C+(4x0.14)C+2x(2x0.5)C	11.5 7.5
TPE H*	11	MAT9120086	3x(2x0.14)C+(4x0.14)C+2x(2x0.5)C	11.0 6.8

EYF0021AxxxxF07S03

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

Linking cable



EYF0019VxxxxF02G02				
PVC	08	MAT9130084	4x(2x0.14)C+2x(1.0)C	9.5 10
PUR M.I.	10	MAT9121084	4x(2x0.14)C+2x(1.0)C	9.5 7.5
TPE H*	11	MAT9120084	4x(2x0.14)C+2x(1.0)C	9.5 6.8

EYF0019VxxxxF06G07

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

EYF0020VxxxxF01G01

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

Linking cable



EYF0022VxxxxF03G03				
PUR M.I.	10	MAT9121085	3x(2x0.14)C+(4x0.14)C+2x(2x0.5)C	11.5 7.5
TPE H*	11	MAT9120085	3x(2x0.14)C+(4x0.14)C+2x(2x0.5)C	11.0 6.8

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100 % digitally tested ... to your required length, no minimum order quantity ... 36-month guarantee

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 [mm²]	Ø [mm]	R min. [x d]
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



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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 [mm²]	Ø [mm]	R min. [x d]
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



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100 % digitally tested ... to your required length, no minimum order quantity ... 36-month guarantee

Harnessed drive cables | LTi DRiVES
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	Ø	R min.
		[mm²]	[mm]	[x d]
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
KM3-KSxxx-24A				
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
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

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 | LTi DRiVES
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	Ø	R min.
		[mm²]	[mm]	[x d]
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
KGH3-KSxxx				
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



Harnessed drive cables | Mitsubishi Electric
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	Ø	R min.
		[mm²]	[mm]	[x d]
Mitsubishi Electric Motor cables				
				
MR-BKS1CBL-xxx-A1-H				
PVC OIL	19	MAT9712002	3G0.75	6.5 6.8
PUR	21	MAT9812002	3G0.75	6.5 6.8
MR-BKS1CBL-xxx-A2-H				
PVC OIL	19	MAT9712004	3G0.75	6.5 6.8
PUR	21	MAT9812004	3G0.75	6.5 6.8
				
MR-PWS1CBL-xxx-A1-H				
PVC OIL	19	MAT9712001	4G0.75	7.0 6.8
PUR	21	MAT9812001	4G0.75	7.0 6.8
MR-PWS1CBL-xxx-A2-H				
PVC OIL	19	MAT9712003	4G0.75	7.0 6.8
PUR	21	MAT9812003	4G0.75	7.0 6.8
				
PCS015N-xxx-0-0C4				
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
PCS025N-xxx-0-0C5				
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
PCS025N-xxx-C4				
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
PCS040N-xxx-0-0C4				
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
PCS040N-xxx-0-0C5				
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



Harnessed drive cables | Mitsubishi Electric
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	Ø	R min.
		[mm²]	[mm]	[x d]
Mitsubishi Electric Motor cables				
PCS060N-xxx-0-0C5				
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
Mitsubishi Electric Encoder cables				
				
MR-J3ENCBL-xxx-A1-H				
PVC	14	MAT9722002	(3x(2x0.25))C	7.0 7.5
PUR	15	MAT9822002	(3x(2x0.25))C	7.0 7.5
MR-J3ENCBL-xxx-A2-H				
PVC	14	MAT9722003	(3x(2x0.25))C	7.0 7.5
PUR	15	MAT9822003	(3x(2x0.25))C	7.0 7.5
				
MR-J3ENSCBL-xxx-H				
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



Harnessed drive cables | Nidec/Control Techniques
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	Ø	R min.
		[mm²]	[mm]	[x d]
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

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 | Nidec/Control Techniques
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	Ø	R min.
		[mm²]	[mm]	[x d]
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

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



100 % digitally tested ... to your required length, no minimum order quantity ... 36-month guarantee

699

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Harnessed drive cables | Nidec/Control Techniques

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	Ø	R min.
		[mm²]	[mm]	[x d]

Nidec/Control Techniques Motor cables

Basic cable



PS B E A B XXX					
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
PS B E B B XXX					
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
PS B E F B XXX					
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
PS B G A B XXX					
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
PS B G B B XXX					
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
PS B G F B XXX					
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

Basic cable



PB B A A A XXX					
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
PB B A F A XXX					
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
PB B B A A XXX					
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

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 | Nidec/Control Techniques

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	Ø	R min.
		[mm²]	[mm]	[x d]

Nidec/Control Techniques Servo cables

PB B B F A XXX					
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
PB B G A A XXX					
PVC O.I.	04	MAT9750501	(4G1.5+(2x1.5)C)C	12.5	10
PVC M.I.	05	MAT9560040	(4G1.5+(2x1.5)C)C	13.0	7.5
PUR M.I.	07	MAT9540040	(4G1.5+(2x1.5)C)C	13.0	7.5
PB B G F A XXX					
PVC O.I.	04	MAT9750504	(4G1.5+(2x1.5)C)C	12.5	10
PVC M.I.	05	MAT9560043	(4G1.5+(2x1.5)C)C	13.0	7.5
PUR M.I.	07	MAT9540043	(4G1.5+(2x1.5)C)C	13.0	7.5

Basic cable



PB B A A B XXX					
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
PB B A B B XXX					
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
PB B A F B XXX					
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
PB B A G B XXX					
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
PB B B A B XXX					
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
PB B B B B XXX					
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
PB B B F B XXX					
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



Harnessed drive cables | Nidec/Control Techniques
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	Ø	R min.
		[mm²]	[mm]	[x d]
Nidec/Control Techniques Servo cables				
Basic cable				
PB B B G B XXX				
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
PB B C A B XXX				
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
PB B C B B XXX				
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
PB B C F B XXX				
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
PB B C G B XXX				
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
PB B D A B XXX				
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
PB B D B B XXX				
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
PB B D F B XXX				
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
PB B D G B XXX				
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
PB B E A B XXX				
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
PB B E B B XXX				
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

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Harnessed drive cables | Nidec/Control Techniques
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	Ø	R min.
		[mm²]	[mm]	[x d]
Nidec/Control Techniques Servo cables				
PB B E F B XXX				
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
PB B E G B XXX				
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
PB B G A B XXX				
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
PB B G B B XXX				
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
PB B G F B XXX				
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
PB B G G B XXX				
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

Nidec/Control Techniques Encoder cables

Basic cable

SS B A H C XXX				
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
SS B A H H XXX				
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
SS B A H N XXX				
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

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EU2022

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	Ø	R min.
		[mm²]	[mm]	[x d]

NUM Power cables

Basic cable



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

Extension cable



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

NUM Servo cables

Basic cable



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

Basic cable



AGOFRU020Mxxx				
PVC M.I.	05	MAT9280003	(4G10+(2x1.5)C)C	21.5 7.5
PUR M.I.	07	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



EU2022

EU2022

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	Ø	R min.
		[mm²]	[mm]	[x d]

NUM Servo cables

Extension cable



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

Extension cable



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

NUM Fan cables

Basic cable



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

Extension cable



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

NUM Encoder cables

Basic cable



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

Basic cable



AGOFRU030Mxxx				
PVC	08	MAT9289001	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	9.0 10
TPE H*	11	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



100 % digitally tested ... to your required length, no minimum order quantity ... 36-month guarantee



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 [mm²]	Ø [mm]	R min. [x d]
NUM Encoder cables				
Extension cable				
AGOFRU029Mxxx (ext.)				
PVC	08	MAT9284011	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	9.0 10
TPE H*	11	MAT9286011	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	10.0 6.8
Extension cable				
AGOFRU030Mxxx (ext.)				
PVC	08	MAT9289011	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	9.0 10
TPE H*	11	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 [mm²]	Ø [mm]	R min. [x d]
Omron Motor cables				
Basic cable				
R88A-CAWA-xxxS-DE				
TPE F	02	MAT9810004	(4G0.5)C	7.5 7.5
TPE H*	03	MAT9962104	(4G0.5)C	8.0 7.5
R88A-CAWCxxx				
PVC M.I.	01	MAT9710005	(4G1.5)C	10.0 7.5
TPE F	02	MAT9810005	(4G1.5)C	10.0 7.5
TPE H*	03	MAT9962105	(4G1.5)C	10.0 7.5
R88A-CAWCxxxS-E				
PVC M.I.	01	MAT9710003	(4G1.5)C	10.0 7.5
TPE F	02	MAT9810003	(4G1.5)C	10.0 7.5
TPE H*	03	MAT9962103	(4G1.5)C	10.0 7.5
R88A-CAWDxxxS				
PVC M.I.	01	MAT9710006	(4G2.5)C	11.5 7.5
TPE F	02	MAT9810006	(4G2.5)C	11.5 7.5
TPE H*	03	MAT9962106	(4G2.5)C	11.5 7.5
R88A-CAWDxxxS-E				
PVC M.I.	01	MAT9710001	(4G2.5)C	11.5 7.5
TPE F	02	MAT9810001	(4G2.5)C	11.5 7.5
TPE H*	03	MAT9962101	(4G2.5)C	11.5 7.5
R88A-CAWFxxxS-E				
PVC M.I.	01	MAT9710002	(4G4.0)C	13.0 7.5
TPE F	02	MAT9810002	(4G4.0)C	13.0 7.5
TPE H*	03	MAT9962102	(4G4.0)C	13.0 7.5
Omron Control cables				

Basic cable				
JZSP-CHM000-xx-E				
PVC M.I.	18	MAT9712103	(5G0.5)C	8.0 7.5
PVC OIL	20	MAT9710015	(5G0.5)C	8.5 6.8
PUR M.I.	22	MAT9810015	(5G0.5)C	8.0 6.8
TPE H*	24	MAT9912103	(5x0.5)C	7.5 5
Basic cable				
JZSP-CHM000-xx-ME				
PVC M.I.	18	MAT9712104	(5G0.5)C	8.0 7.5
PVC OIL	20	MAT9710016	(5G0.5)C	8.5 6.8
PUR M.I.	22	MAT9810016	(5G0.5)C	8.0 6.8
TPE H*	24	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	Ø	R min.
		[mm²]	[mm]	[x d]
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	Ø	R min.
		[mm²]	[mm]	[x d]
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	Ø	R min.
		[mm²]	[mm]	[x d]

Parker Motor cables

Basic cable



iMOK42				
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
iMOK43				
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
iMOK44				
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
iMOK45				
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
iMOK54				
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
iMOK55				
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
iMOK56				
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
iMOK57				
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

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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

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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	Ø	R min.
		[mm²]	[mm]	[x d]

Parker Resolver cables

Basic cable



iREK32				
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
iREK33				
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
iREK41				
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
iREK42				
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.
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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

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Harnessed drive cables | SEW
PVC/PUR/TPE

EPLAN macros available online ▶ Page 572/573

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

Cable quality	Part No.	Number of cores and conductor nominal cross section	Ø	R min.
		[mm²]	[mm]	[x d]
SEW Motor cables				

Connection cable (Amphenol)



0199 1809				
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
0199 1825				
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
0199 1841				
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
0199 1868				
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
0199 1884				
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



0590 4773				
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
0590 4803				
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
0590 6245				
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
0590 6253				
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

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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

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Harnessed drive cables | SEW
PVC/PUR/TPE

EPLAN macros available online ▶ Page 572/573

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

Cable quality	Part No.	Number of cores and conductor nominal cross section	Ø	R min.
		[mm²]	[mm]	[x d]
SEW Motor cables				

Connection cable



1335 0293				
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
1335 0307				
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
1335 0315				
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)



0199 5502				
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
0199 5529				
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
0199 5545				
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
0199 5561				
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
0199 5588				
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

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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



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Harnessed drive cables | SEW
PVC/PUR/TPE

EPLAN macros available online ▶ Page 572/573

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

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm²]	Ø [mm]	R min. [x d]
SEW Motor cables				

Extension cable



0590 3610				
PVC M.I.	01	MAT9411012	(4G1.5)C	10.0 7.5
PUR O.I.	06	MAT9861412	(4G1.5)C	10.0 10
TPE F	02	MAT9401012	(4G1.5)C	10.0 7.5

Extension cable



1333 2457				
PVC M.I.	01	MAT9761419	(4G1.5)C	10.0 7.5
PUR O.I.	06	MAT9861419	(4G1.5)C	10.0 10
TPE F	02	MAT9961419	(4G1.5)C	10.0 7.5
1333 2465				
PVC M.I.	01	MAT9761420	(4G2.5)C	11.5 7.5
PUR O.I.	06	MAT9861420	(4G2.5)C	11.5 10
TPE F	02	MAT9961420	(4G2.5)C	11.5 7.5
1333 2473				
PVC M.I.	01	MAT9761421	(4G4.0)C	13.0 7.5
PUR O.I.	06	MAT9861421	(4G4.0)C	13.0 10
TPE F	02	MAT9961421	(4G4.0)C	13.0 7.5
1335 0021				
PVC M.I.	01	MAT9761422	(4G6.0)C	16.0 7.5
PUR O.I.	06	MAT9861422	(4G6.0)C	15.0 10
TPE F	02	MAT9961422	(4G6.0)C	16.0 7.5
1335 0048				
PVC M.I.	01	MAT9761423	(4G10)C	18.5 7.5
PUR O.I.	06	MAT9861423	(4G10)C	18.0 10
TPE F	02	MAT9961423	(4G10)C	18.5 7.5
1335 0056				
PVC M.I.	01	MAT9761424	(4G16)C	23.0 7.5
PUR O.I.	06	MAT9861424	(4G16)C	22.0 10
TPE F	02	MAT9961424	(4G16)C	23.0 7.5

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Harnessed drive cables | SEW
PVC/PUR

EPLAN macros available online ▶ Page 572/573

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

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm²]	Ø [mm]	R min. [x d]
SEW Servo cables				

Connection cable (Amphenol)



0199 1906				
PVC O.I.	04	MAT9751401	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9410001	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9851401	(4G1.5+2x(2x0.75)C)C	13.5 10
PUR M.I.	07	MAT9400001	(4G1.5+2x(2x0.75)C)C	14.5 7.5
0199 1922				
PVC O.I.	04	MAT9751402	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9410002	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9851402	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9400002	(4G2.5+2x(2x1.5)C)C	16.0 7.5
0199 1949				
PVC O.I.	04	MAT9751403	(4G4.0+2x(2x1.5)C)C	17.0 10
PVC M.I.	05	MAT9410003	(4G4.0+2x(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9851403	(4G4.0+2x(2x1.5)C)C	17.0 10
PUR M.I.	07	MAT9400003	(4G4.0+2x(2x1.5)C)C	17.5 7.5
0199 1965				
PVC O.I.	04	MAT9751404	(4G6.0+2x(2x1.5)C)C	19.0 10
PVC M.I.	05	MAT9410004	(4G6.0+2x(2x1.5)C)C	21.0 7.5
PUR O.I.	06	MAT9851404	(4G6.0+2x(2x1.5)C)C	19.0 10
PUR M.I.	07	MAT9400004	(4G6.0+2x(2x1.5)C)C	19.5 7.5
0199 1981				
PVC M.I.	05	MAT9410005	(4G10+2x(2x1.5)C)C	23.0 7.5
PUR O.I.	06	MAT9851405	(4G10+2x(2x1.5)C)C	22.5 10
PUR M.I.	07	MAT9400005	(4G10+2x(2x1.5)C)C	22.5 7.5

Connection cable



1332 4861				
PVC O.I.	04	MAT9751405	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9410011	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9851406	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9400011	(4G1.5+(2x1.5)C)	13.0 7.5

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Harnessed drive cables | SEW
PVC/PUR/TPE

EPLAN macros available online ► Page 572/573

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

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm²]	Ø [mm]	R min. [x d]
SEW Servo cables				

Connection cable



1333 1221				
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
1333 2155				
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

Connection cable



1335 0153				
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
1335 0161				
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
1335 0188				
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
1335 0234				
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
1335 0242				
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

Harnessed drive cables | SEW
PVC/PUR

EPLAN macros available online ► Page 572/573

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

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm²]	Ø [mm]	R min. [x d]
SEW Servo cables				

1335 0250				
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
1335 4302				
PUR O.I.	27	MAT9851419	(4G1.5+(3x1.0)C)C	12.0 10
1335 4310				
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
1335 4329				
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
1335 4388				
PUR O.I.	27	MAT9851413	(4G1.5+(3x1.0)C)C	12.0 10
1335 4396				
PUR O.I.	27	MAT9851479	(4G2.5+(3x1.0)C)C	13.5 10

Extension cable (Amphenol)



0199 2007				
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
0199 2023				
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
0199 204X				
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
0199 2066				
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

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.
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Harnessed drive cables | SEW
PVC/PUR

EPLAN macros available online ▶ Page 572/573

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

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm²]	Ø [mm]	R min. [x d]
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

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

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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
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Harnessed drive cables | SEW
PVC/PUR/TPE

EPLAN macros available online ▶ Page 572/573

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

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm²]	Ø [mm]	R min. [x d]
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

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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Harnessed drive cables | SEW
PVC/PUR/TPE

EPLAN macros available online ▶ Page 572/573

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

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm²]	Ø [mm]	R min. [x d]
SEW Hybrid servo cables				

Basic cable



0186 725 3					
PUR O.I.	27	MAT9851443	4G1.5+(2x0.75)C+(3x0.75)C	14.0	10
0187 889 5					
PUR O.I.	27	MAT9851456	(7x2.5+(2x0.75)C)C	20.0	10
0593 278 5					
PUR O.I.	27	MAT9851449	(7x2.5+(2x0.75)C)C	20.0	10
0593 755 8					
PUR O.I.	27	MAT9851451	(7x2.5+(2x0.75)C)C	20.0	10
0816 208 5					
PUR O.I.	27	MAT9851454	(7x2.5+(2x0.75)C)C	20.0	10
0816 325 1					
PUR O.I.	27	MAT9851450	(7x2.5+(2x0.75)C)C	20.0	10
0816 326 X					
PUR O.I.	27	MAT9851452	(7x2.5+(2x0.75)C)C	20.0	10
0817 886 0					
PUR O.I.	27	MAT9851457	(7x2.5+(2x0.75)C)C	20.0	10
0817 887 9					
PUR O.I.	27	MAT9851455	(7x2.5+(2x0.75)C)C	20.0	10
0817 888 7					
PUR O.I.	27	MAT9851458	(7x2.5+(2x0.75)C)C	20.0	10
0817 948 4					
PUR O.I.	27	MAT9851453	(7x2.5+(2x0.75)C)C	20.0	10

Connection cable



1811 8119					
PUR O.I.	27	MAT9851464	(7x1.5+(2x0.75)C)C	16.0	10
SEW Control cables					

Connection cable



0199 560x					
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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Harnessed drive cables | SEW
PVC/PUR/TPE

EPLAN macros available online ▶ Page 572/573

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

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm²]	Ø [mm]	R min. [x d]
SEW Encoder cables				

Connection cable



0198 9308					
PUR M.I.	10	MAT9841404	(3x(2x0.25))C	7.5	7.5
0199 3194					
PUR M.I.	10	MAT9841401	(5x(2x0.25))C	8.5	7.5
0199 4875					
PVC	08	MAT9741401	(5x(2x0.25))C	8.0	10
0595 1518					
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
1332 4551					
PVC	08	MAT9741403	(6x(2x0.25))C	8.5	10
PUR M.I.	10	MAT9841403	(6x(2x0.25))C	9.0	7.5
1332 7437					
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



0199 5405					
PVC	08	MAT9741406	(6x(2x0.25))C	8.5	10
PUR M.I.	10	MAT9841406	(6x(2x0.25))C	9.0	7.5
0199 5413					
PUR M.I.	10	MAT9841405	(5x(2x0.25))C	8.5	7.5
0199 5421					
PVC	08	MAT9741405	(5x(2x0.25))C	8.0	10
0593 9682					
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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Harnessed drive cables | Siemens
PVC/PUR/TPE

EPLAN macros available online ▶ Page 572/573

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

Cable quality	Part No.	Number of cores and conductor nominal cross section	Ø	R min.
		[mm²]	[mm]	[x d]
Siemens Power cables				

Basic cable



6FX8002-5CN06				
PVC M.I.	01	MAT9761554	(4G1.5)C	10.0 7.5
PUR O.I.	06	MAT98615122	(4G1.5)C	10.0 10
PUR M.I.	07	MAT98615123	(4G1.5)C	11.0 7.5
TPE F	02	MAT9961560	(4G1.5)C	10.0 7.5
6FX8002-5CN16				
PVC M.I.	01	MAT9761559	(4G2.5)C	11.5 7.5
PUR O.I.	06	MAT98615108	(4G2.5)C	11.5 10
PUR M.I.	07	MAT98615107	(4G2.5)C	12.5 7.5
TPE F	02	MAT9961554	(4G2.5)C	11.5 7.5

Basic cable



6FX8002-5CN26				
PVC M.I.	01	MAT97515111	(4G1.5)C	10.0 7.5
PUR O.I.	06	MAT98515130	(4G1.5)C	10.0 10
TPE F	02	MAT98515131	(4G1.5)C	10.0 7.5
6FX8002-5CN36				
PVC M.I.	01	MAT9761556	(4G2.5)C	11.5 7.5
PUR O.I.	06	MAT98615102	(4G2.5)C	11.5 10
PUR M.I.	07	MAT98615103	(4G2.5)C	12.5 7.5
TPE F	02	MAT9961552	(4G2.5)C	11.5 7.5
6FX8002-5CN46				
PVC M.I.	01	MAT9761557	(4G4.0)C	13.0 7.5
PUR O.I.	06	MAT98615105	(4G4.0)C	13.0 10
TPE F	02	MAT9961553	(4G4.0)C	13.0 7.5
6FX8002-5CN56				
PVC M.I.	01	MAT9761561	(4G6.0)C	16.0 7.5
PUR O.I.	06	MAT98615110	(4G6.0)C	15.0 10
TPE F	02	MAT9961555	(4G6.0)C	16.0 7.5

Basic cable



6FX8002-5CS06				
PVC M.I.	01	MAT9761568	(4G1.5)C	10.0 7.5
PUR O.I.	06	MAT98615120	(4G1.5)C	10.0 10
PUR M.I.	07	MAT98615121	(4G1.5)C	11.0 7.5
TPE F	02	MAT9961559	(4G1.5)C	10.0 7.5

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Harnessed drive cables | Siemens
PVC/PUR/TPE

EPLAN macros available online ▶ Page 572/573

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

Cable quality	Part No.	Number of cores and conductor nominal cross section	Ø	R min.
		[mm²]	[mm]	[x d]
Siemens Power cables				

Basic cable



6FX_002-5CA01				
PVC M.I.	01	MAT9150001	(4G1.5)C	10.0 7.5
PUR O.I.	06	MAT9861504	(4G1.5)C	10.0 10
TPE F	02	MAT9050001	(4G1.5)C	10.0 7.5
6FX_002-5CA11				
PVC M.I.	01	MAT9150002	(4G2.5)C	11.5 7.5
PUR O.I.	06	MAT9861505	(4G2.5)C	11.5 10
TPE F	02	MAT9050002	(4G2.5)C	11.5 7.5

Basic cable



6FX_002-5CA13				
PVC M.I.	01	MAT9150009	(4G10)C	18.5 7.5
PUR O.I.	06	MAT9861524	(4G10)C	18.0 10
TPE F	02	MAT9050009	(4G10)C	18.5 7.5

Basic cable



6FX_002-5CA21				
PVC M.I.	01	MAT9150003	(4G1.5)C	10.0 7.5
PUR O.I.	06	MAT9861506	(4G1.5)C	10.0 10
TPE F	02	MAT9050003	(4G1.5)C	10.0 7.5

Basic cable



6FX_002-5CA23				
PVC M.I.	01	MAT9150008	(4G16)C	23.0 7.5
PUR O.I.	06	MAT9861511	(4G16)C	22.0 10
TPE F	02	MAT9050008	(4G16)C	23.0 7.5

Basic cable



6FX_002-5CA31				
PVC M.I.	01	MAT9150004	(4G2.5)C	11.5 7.5
PUR O.I.	06	MAT9861507	(4G2.5)C	11.5 10
TPE F	02	MAT9050004	(4G2.5)C	11.5 7.5
6FX_002-5CA41				
PVC M.I.	01	MAT9150005	(4G4.0)C	13.0 7.5
PUR O.I.	06	MAT9861508	(4G4.0)C	13.0 10
TPE F	02	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

Harnessed drive cables | Siemens
PVC/PUR/TPE

EPLAN macros available online ▶ Page 572/573

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

Cable quality	Part No.	Number of cores and conductor nominal cross section	Ø	R min.
		[mm²]	[mm]	[x d]
Siemens Power cables				

Basic cable



6FX_002-5CA51				
PVC M.I.	01	MAT9150006	(4G6.0)C	16.0 7.5
PUR O.I.	06	MAT9861509	(4G6.0)C	15.0 10
TPE F	02	MAT9050006	(4G6.0)C	16.0 7.5
6FX_002-5CA61				
PVC M.I.	01	MAT9150007	(4G10)C	18.5 7.5
PUR O.I.	06	MAT9861510	(4G10)C	18.0 10
TPE F	02	MAT9050007	(4G10)C	18.5 7.5

Basic cable



6FX_002-5CG01				
PVC M.I.	01	MAT9761512	(4G1.5)C	10.0 7.5
PUR O.I.	06	MAT9861542	(4G1.5)C	10.0 10
PUR M.I.	07	MAT9861541	(4G1.5)C	11.0 7.5
TPE F	02	MAT9961512	(4G1.5)C	10.0 7.5

Basic cable SpeedTec



6FX_002-5CG10				
PVC M.I.	01	MAT9761540	(4G1.5)C	10.0 7.5
PUR O.I.	06	MAT9861584	(4G1.5)C	10.0 10
PUR M.I.	07	MAT9861583	(4G1.5)C	11.0 7.5
TPE F	02	MAT9961540	(4G1.5)C	10.0 7.5

Basic cable



6FX_002-5CG11				
PVC M.I.	01	MAT9761514	(4G2.5)C	11.5 7.5
PUR O.I.	06	MAT9861546	(4G2.5)C	11.5 10
PUR M.I.	07	MAT9861545	(4G2.5)C	12.5 7.5
TPE F	02	MAT9961514	(4G2.5)C	11.5 7.5

Basic cable SpeedTec



6FX_002-5CG12				
PVC M.I.	01	MAT9761541	(4G2.5)C	11.5 7.5
PUR O.I.	06	MAT9861586	(4G2.5)C	11.5 10
PUR M.I.	07	MAT9861585	(4G2.5)C	12.5 7.5
TPE F	02	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



Harnessed drive cables | Siemens
PVC/PUR/TPE

EPLAN macros available online ▶ Page 572/573

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

Cable quality	Part No.	Number of cores and conductor nominal cross section	Ø	R min.
		[mm²]	[mm]	[x d]
Siemens Power cables				

Basic cable



6FX_002-5CG13				
PVC M.I.	01	MAT9761520	(4G10)C	18.5 7.5
PUR O.I.	06	MAT9861553	(4G10)C	18.0 10
TPE F	02	MAT9961520	(4G10)C	18.5 7.5
6FX_002-5CG21				
PVC M.I.	01	MAT9761513	(4G1.5)C	10.0 7.5
PUR O.I.	06	MAT9861544	(4G1.5)C	10.0 10
PUR M.I.	07	MAT9861543	(4G1.5)C	11.0 7.5
TPE F	02	MAT9961513	(4G1.5)C	10.0 7.5

Basic cable SpeedTec



6FX_002-5CG22				
PVC M.I.	01	MAT9761542	(4G1.5)C	10.0 7.5
PUR O.I.	06	MAT9861588	(4G1.5)C	10.0 10
PUR M.I.	07	MAT9861587	(4G1.5)C	11.0 7.5
TPE F	02	MAT9961542	(4G1.5)C	10.0 7.5

Basic cable



6FX_002-5CG23				
PVC M.I.	01	MAT9761521	(4G16)C	23.0 7.5
PUR O.I.	06	MAT9861554	(4G16)C	22.0 10
TPE F	02	MAT9961521	(4G16)C	23.0 7.5
6FX_002-5CG31				
PVC M.I.	01	MAT9761516	(4G2.5)C	11.5 7.5
PUR O.I.	06	MAT9861549	(4G2.5)C	11.5 10
PUR M.I.	07	MAT9861548	(4G2.5)C	12.5 7.5
TPE F	02	MAT9961516	(4G2.5)C	11.5 7.5

Basic cable SpeedTec



6FX_002-5CG32				
PVC M.I.	01	MAT9761543	(4G2.5)C	11.5 7.5
PUR O.I.	06	MAT9861590	(4G2.5)C	11.5 10
PUR M.I.	07	MAT9861589	(4G2.5)C	12.5 7.5
TPE F	02	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



Harnessed drive cables | Siemens
PVC/PUR/TPE

EPLAN macros available online ► Page 572/573

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

Cable quality	Part No.	Number of cores and conductor nominal cross section	Ø	R min.
		[mm²]	[mm]	[x d]
Siemens Power cables				

Basic cable



6FX_002-5CG41

PVC M.I.	01	MAT9761517	(4G4.0)C	13.0	7.5
PUR O.I.	06	MAT9861550	(4G4.0)C	13.0	10
TPE F	02	MAT9961517	(4G4.0)C	13.0	7.5

Basic cable SpeedTec



6FX_002-5CG42

PVC M.I.	01	MAT9761544	(4G4.0)C	13.0	7.5
PUR O.I.	06	MAT9861591	(4G4.0)C	13.0	10
TPE F	02	MAT9961544	(4G4.0)C	13.0	7.5

Basic cable



6FX_002-5CG51

PVC M.I.	01	MAT9761518	(4G6.0)C	16.0	7.5
PUR O.I.	06	MAT9861551	(4G6.0)C	15.0	10
TPE F	02	MAT9961518	(4G6.0)C	16.0	7.5

Basic cable SpeedTec



6FX_002-5CG52

PVC M.I.	01	MAT9761545	(4G6.0)C	16.0	7.5
PUR O.I.	06	MAT9861592	(4G6.0)C	15.0	10
TPE F	02	MAT9961545	(4G6.0)C	16.0	7.5

Basic cable



6FX_002-5CG61

PVC M.I.	01	MAT9761519	(4G10)C	18.5	7.5
PUR O.I.	06	MAT9861552	(4G10)C	18.0	10
TPE F	02	MAT9961519	(4G10)C	18.5	7.5

Basic cable SpeedTec



6FX_002-5CG62

PVC M.I.	01	MAT9761546	(4G10)C	18.5	7.5
PUR O.I.	06	MAT9861593	(4G10)C	18.0	10
TPE F	02	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



Harnessed drive cables | Siemens
PVC/PUR/TPE

EPLAN macros available online ► Page 572/573

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

Cable quality	Part No.	Number of cores and conductor nominal cross section	Ø	R min.
		[mm²]	[mm]	[x d]
Siemens Power cables				

Basic cable



6FX_002-5CK01

PUR M.I.	07	MAT98615112	(4G0.75)C	9.5	7.5
TPE F	02	MAT9961556	(4G0.75)C	8.0	7.5

Basic cable



6FX_002-5CL01

PVC M.I.	01	MAT9761563	(4G1.5)C	10.0	7.5
PUR O.I.	06	MAT98615114	(4G1.5)C	10.0	10
PUR M.I.	07	MAT98615115	(4G1.5)C	11.0	7.5
TPE F	02	MAT9961557	(4G1.5)C	10.0	7.5

Basic cable



6FX_002-5CL02

PVC M.I.	01	MAT9761572	(4G1.5)C	10.0	7.5
PUR O.I.	06	MAT98615126	(4G1.5)C	10.0	10
PUR M.I.	07	MAT98615127	(4G1.5)C	11.0	7.5
TPE F	02	MAT9961563	(4G1.5)C	10.0	7.5

Basic cable



6FX_002-5CL12

PVC M.I.	01	MAT9761573	(4G2.5)C	11.5	7.5
PUR O.I.	06	MAT98615128	(4G2.5)C	11.5	10
PUR M.I.	07	MAT98615129	(4G2.5)C	12.5	7.5
TPE F	02	MAT9961564	(4G2.5)C	11.5	7.5

Basic cable SpeedTec



6FX_002-5CN01

PVC M.I.	01	MAT9761531	(4G1.5)C	10.0	7.5
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Basic cable SpeedTec



PUR O.I.	06	MAT9861571	(4G1.5)C	10.0	10
PUR M.I.	07	MAT9861570	(4G1.5)C	11.0	7.5
TPE F	02	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



Harnessed drive cables | Siemens
PVC/PUR/TPE

EPLAN macros available online ▶ Page 572/573

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

Cable quality	Part No.	Number of cores and conductor nominal cross section	Ø	R min.
		[mm²]	[mm]	[x d]
Siemens Power cables				

Basic cable SpeedTec



6FX_002-5CN11				
PVC M.I.	01	MAT9761532	(4G2.5)C	11.5 7.5
PUR O.I.	06	MAT9861573	(4G2.5)C	11.5 10
PUR M.I.	07	MAT9861572	(4G2.5)C	12.5 7.5
TPE F	02	MAT9961532	(4G2.5)C	11.5 7.5
6FX_002-5CN21				
PVC M.I.	01	MAT9761533	(4G1.5)C	10.0 7.5
PUR O.I.	06	MAT9861575	(4G1.5)C	10.0 10
PUR M.I.	07	MAT9861574	(4G1.5)C	11.0 7.5
TPE F	02	MAT9961533	(4G1.5)C	10.0 7.5
6FX_002-5CN31				
PVC M.I.	01	MAT9761534	(4G2.5)C	11.5 7.5
PUR O.I.	06	MAT9861577	(4G2.5)C	11.5 10
PUR M.I.	07	MAT9861576	(4G2.5)C	12.5 7.5
TPE F	02	MAT9961534	(4G2.5)C	11.5 7.5
6FX_002-5CN41				
PVC M.I.	01	MAT9761535	(4G4.0)C	13.0 7.5
PUR O.I.	06	MAT9861578	(4G4.0)C	13.0 10
TPE F	02	MAT9961535	(4G4.0)C	13.0 7.5
6FX_002-5CN51				
PVC M.I.	01	MAT9761536	(4G6.0)C	16.0 7.5
PUR O.I.	06	MAT9861579	(4G6.0)C	15.0 10
TPE F	02	MAT9961536	(4G6.0)C	16.0 7.5

Basic cable SpeedTec



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

Basic cable SpeedTec



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



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Harnessed drive cables | Siemens
PVC/PUR/TPE

EPLAN macros available online ▶ Page 572/573

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

Cable quality	Part No.	Number of cores and conductor nominal cross section	Ø	R min.
		[mm²]	[mm]	[x d]
Siemens Power cables				

Basic cable SpeedTec



6FX_002-5CN64				
PVC M.I.	01	MAT9761539	(4G10)C	18.5 7.5
PUR O.I.	06	MAT9861582	(4G10)C	18.0 10
TPE F	02	MAT9961539	(4G10)C	18.5 7.5

Basic cable SpeedTec



6FX_002-5CQ01				
PVC M.I.	01	MAT9761524	(4G1.5)C	10.0 7.5
PUR O.I.	06	MAT9861560	(4G1.5)C	10.0 10
PUR M.I.	07	MAT9861559	(4G1.5)C	11.0 7.5
TPE F	02	MAT9961524	(4G1.5)C	10.0 7.5
6FX_002-5CQ11				
PVC M.I.	01	MAT9761525	(4G2.5)C	11.5 7.5
PUR O.I.	06	MAT9861562	(4G2.5)C	11.5 10
PUR M.I.	07	MAT9861561	(4G2.5)C	12.5 7.5
TPE F	02	MAT9961525	(4G2.5)C	11.5 7.5
6FX_002-5CQ21				
PVC M.I.	01	MAT9761526	(4G1.5)C	10.0 7.5
PUR O.I.	06	MAT9861564	(4G1.5)C	10.0 10
PUR M.I.	07	MAT9861563	(4G1.5)C	11.0 7.5
TPE F	02	MAT9961526	(4G1.5)C	10.0 7.5
6FX_002-5CQ31				
PVC M.I.	01	MAT9761527	(4G2.5)C	11.5 7.5
PUR O.I.	06	MAT9861566	(4G2.5)C	11.5 10
PUR M.I.	07	MAT9861565	(4G2.5)C	12.5 7.5
TPE F	02	MAT9961527	(4G2.5)C	11.5 7.5
6FX_002-5CQ41				
PVC M.I.	01	MAT9761528	(4G4.0)C	13.0 7.5
PUR O.I.	06	MAT9861567	(4G4.0)C	13.0 10
TPE F	02	MAT9961528	(4G4.0)C	13.0 7.5
6FX_002-5CQ51				
PVC M.I.	01	MAT9761529	(4G6.0)C	16.0 7.5
PUR O.I.	06	MAT9861568	(4G6.0)C	15.0 10
TPE F	02	MAT9961529	(4G6.0)C	16.0 7.5
6FX_002-5CQ61				
PVC M.I.	01	MAT9761530	(4G10)C	18.5 7.5
PUR O.I.	06	MAT9861569	(4G10)C	18.0 10
TPE F	02	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



Harnessed drive cables | Siemens
PVC/PUR/TPE

EPLAN macros available online ▶ Page 572/573

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

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm²]	Ø [mm]	R min. [x d]
Siemens Power cables				

Basic cable



6FX_002-5CS01				
PVC M.I.	01	MAT9150020	(4G1.5)C	10.0 7.5
PUR O.I.	06	MAT9861512	(4G1.5)C	10.0 10
PUR M.I.	07	MAT9861501	(4G1.5)C	11.0 7.5
TPE F	02	MAT9050020	(4G1.5)C	10.0 7.5

Basic cable



6FX_002-5CS02				
PVC M.I.	01	MAT9761501	(4G1.5)C	10.0 7.5
PUR O.I.	06	MAT9861526	(4G1.5)C	10.0 10
PUR M.I.	07	MAT9861525	(4G1.5)C	11.0 7.5
TPE F	02	MAT9961501	(4G1.5)C	10.0 7.5

Basic cable



6FX_002-5CS11				
PVC M.I.	01	MAT9761502	(4G2.5)C	11.5 7.5
PUR O.I.	06	MAT9861528	(4G2.5)C	11.5 10
PUR M.I.	07	MAT9861527	(4G2.5)C	12.5 7.5
TPE F	02	MAT9961502	(4G2.5)C	11.5 7.5

Basic cable



6FX_002-5CS12				
PVC M.I.	01	MAT9761503	(4G2.5)C	11.5 7.5
PUR O.I.	06	MAT9861530	(4G2.5)C	11.5 10
PUR M.I.	07	MAT9861529	(4G2.5)C	12.5 7.5
TPE F	02	MAT9961503	(4G2.5)C	11.5 7.5

Basic cable



6FX_002-5CS13				
PVC M.I.	01	MAT9761504	(4G10)C	18.5 7.5
PUR O.I.	06	MAT9861531	(4G10)C	18.0 10
TPE F	02	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



Harnessed drive cables | Siemens
PVC/PUR/TPE

EPLAN macros available online ▶ Page 572/573

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

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm²]	Ø [mm]	R min. [x d]
Siemens Power cables				

6FX_002-5CS21				
PVC M.I.	01	MAT9150021	(4G1.5)C	10.0 7.5
PUR O.I.	06	MAT9861513	(4G1.5)C	10.0 10
PUR M.I.	07	MAT9861502	(4G1.5)C	11.0 7.5
TPE F	02	MAT9050021	(4G1.5)C	10.0 7.5

Basic cable



6FX_002-5CS23				
PVC M.I.	01	MAT9761515	(4G16)C	23.0 7.5
PUR O.I.	06	MAT9861547	(4G16)C	22.0 10
TPE F	02	MAT9961515	(4G16)C	23.0 7.5

6FX_002-5CS24				
PVC M.I.	01	MAT9761570	(4G16)C	23.0 7.5
PUR O.I.	06	MAT98615125	(4G16)C	22.0 10
TPE F	02	MAT9961561	(4G16)C	23.0 7.5
TPE H*	03	MAT9961562	(4G16)C	23.0 7.5

Basic cable



6FX_002-5CS31				
PVC M.I.	01	MAT9150022	(4G2.5)C	11.5 7.5
PUR O.I.	06	MAT9861514	(4G2.5)C	11.5 10
PUR M.I.	07	MAT9861503	(4G2.5)C	12.5 7.5
TPE F	02	MAT9050022	(4G2.5)C	11.5 7.5

6FX_002-5CS41				
PVC M.I.	01	MAT9150023	(4G4.0)C	13.0 7.5
PUR O.I.	06	MAT9861533	(4G4.0)C	13.0 10
TPE F	02	MAT9050023	(4G4.0)C	13.0 7.5

Basic cable



6FX_002-5CS42				
PVC M.I.	01	MAT9761506	(4G4.0)C	13.0 7.5
PUR O.I.	06	MAT9861534	(4G4.0)C	13.0 10
TPE F	02	MAT9961506	(4G4.0)C	13.0 7.5

Basic cable



6FX_002-5CS51				
PVC M.I.	01	MAT9150024	(4G6.0)C	16.0 7.5
PUR O.I.	06	MAT9861535	(4G6.0)C	15.0 10
TPE F	02	MAT9050024	(4G6.0)C	16.0 7.5



Harnessed drive cables | Siemens
PVC/PUR/TPE

EPLAN macros available online ► Page 572/573

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

Cable quality	Part No.	Number of cores and conductor nominal cross section	Ø	R min.
		[mm²]	[mm]	[x d]
Siemens Power cables				
Basic cable				
				
6FX_002-5CS52				
PVC M.I.	01	MAT9761507	(4G6.0)C	16.0 7.5
PUR O.I.	06	MAT9861536	(4G6.0)C	15.0 10
TPE F	02	MAT9961507	(4G6.0)C	16.0 7.5
Basic cable				
				
6FX_002-5CS54				
PVC M.I.	01	MAT9761508	(4G6.0)C	16.0 7.5
PUR O.I.	06	MAT9861537	(4G6.0)C	15.0 10
TPE F	02	MAT9961508	(4G6.0)C	16.0 7.5
Basic cable				
				
6FX_002-5CS61				
PVC M.I.	01	MAT9761509	(4G10)C	18.5 7.5
PUR O.I.	06	MAT9861538	(4G10)C	18.0 10
TPE F	02	MAT9961509	(4G10)C	18.5 7.5
Basic cable				
				
6FX_002-5CS62				
PVC M.I.	01	MAT9761510	(4G10)C	18.5 7.5
PUR O.I.	06	MAT9861539	(4G10)C	18.0 10
TPE F	02	MAT9961510	(4G10)C	18.5 7.5
Basic cable				
				
6FX_002-5CS64				
PVC M.I.	01	MAT9761511	(4G10)C	18.5 7.5
PUR O.I.	06	MAT9861540	(4G10)C	18.0 10
TPE F	02	MAT9961511	(4G10)C	18.5 7.5
Extension cable				
				
6FX_002-5CA05				
PVC M.I.	01	MAT9151001	(4G1.5)C	10.0 7.5
PUR O.I.	06	MAT9861515	(4G1.5)C	10.0 10
TPE F	02	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



Harnessed drive cables | Siemens
PVC/PUR/TPE

EPLAN macros available online ► Page 572/573

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

Cable quality	Part No.	Number of cores and conductor nominal cross section	Ø	R min.
		[mm²]	[mm]	[x d]
Siemens Power cables				
6FX_002-5CA15				
PVC M.I.	01	MAT9151002	(4G2.5)C	11.5 7.5
PUR O.I.	06	MAT9861516	(4G2.5)C	11.5 10
TPE F	02	MAT9051002	(4G2.5)C	11.5 7.5
Extension cable				
				
6FX_002-5CA28				
PVC M.I.	01	MAT9151003	(4G1.5)C	10.0 7.5
PUR O.I.	06	MAT9861517	(4G1.5)C	10.0 10
TPE F	02	MAT9051003	(4G1.5)C	10.0 7.5
6FX_002-5CA38				
PVC M.I.	01	MAT9151004	(4G2.5)C	11.5 7.5
PUR O.I.	06	MAT9861518	(4G2.5)C	11.5 10
TPE F	02	MAT9051004	(4G2.5)C	11.5 7.5
6FX_002-5CA48				
PVC M.I.	01	MAT9151005	(4G4.0)C	13.0 7.5
PUR O.I.	06	MAT9861519	(4G4.0)C	13.0 10
TPE F	02	MAT9051005	(4G4.0)C	13.0 7.5
6FX_002-5CA58				
PVC M.I.	01	MAT9151006	(4G6.0)C	16.0 7.5
PUR O.I.	06	MAT9861520	(4G6.0)C	15.0 10
TPE F	02	MAT9051006	(4G6.0)C	16.0 7.5
6FX_002-5CA68				
PVC M.I.	01	MAT9151007	(4G10)C	18.5 7.5
PUR O.I.	06	MAT9861521	(4G10)C	18.0 10
TPE F	02	MAT9051007	(4G10)C	18.5 7.5
Extension cable SpeedTec				
				
6FX_002-5CN05				
PVC M.I.	01	MAT9761522	(4G1.5)C	10.0 7.5
PUR O.I.	06	MAT9861556	(4G1.5)C	10.0 10
PUR M.I.	07	MAT9861555	(4G1.5)C	11.0 7.5
TPE F	02	MAT9961522	(4G1.5)C	10.0 7.5
6FX_002-5CQ15				
PVC M.I.	01	MAT9761523	(4G2.5)C	11.5 7.5
PUR O.I.	06	MAT9861558	(4G2.5)C	11.5 10
PUR M.I.	07	MAT9861557	(4G2.5)C	12.5 7.5
TPE F	02	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



Harnessed drive cables | Siemens
PVC/PUR/TPE

EPLAN macros available online ▶ Page 572/573

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

Cable quality	Part No.	Number of cores and conductor nominal cross section	Ø	R min.
		[mm²]	[mm]	[x d]
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



Harnessed drive cables | Siemens
PVC/PUR

EPLAN macros available online ▶ Page 572/573

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

Cable quality	Part No.	Number of cores and conductor nominal cross section	Ø	R min.
		[mm²]	[mm]	[x d]
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



Harnessed drive cables | Siemens
PVC/PUR

EPLAN macros available online ► Page 572/573

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

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm²]	Ø [mm]	R min. [x d]
Siemens Servo cables				

Basic cable



6FX_002-5DA33				
PVC M.I.	05	MAT9160009	(4G25+(2x1.5)C)C	30.0 7.5
PUR M.I.	07	MAT9060009	(4G25+(2x1.5)C)C	28.0 7.5

Basic cable



6FX_002-5DA41				
PVC O.I.	04	MAT9751505	(4G4.0+(2x1.5)C)C	15.0 10
PVC M.I.	05	MAT9160005	(4G4.0+(2x1.5)C)C	16.0 7.5
PUR O.I.	06	MAT9851505	(4G4.0+(2x1.5)C)C	15.0 10
PUR M.I.	07	MAT9060005	(4G4.0+(2x1.5)C)C	16.0 7.5

Basic cable



6FX_002-5DA43				
PVC M.I.	05	MAT9160010	(4G35+(2x1.5)C)C	33.5 7.5
PUR M.I.	07	MAT9060010	(4G35+(2x1.5)C)C	32.0 7.5

Basic cable



6FX_002-5DA51				
PVC O.I.	04	MAT9751506	(4G6.0+(2x1.5)C)C	16.5 10
PVC M.I.	05	MAT9160006	(4G6.0+(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9851506	(4G6.0+(2x1.5)C)C	16.5 10
PUR M.I.	07	MAT9060006	(4G6.0+(2x1.5)C)C	17.5 7.5

6FX_002-5DA61				
PVC M.I.	05	MAT9160007	(4G10+(2x1.5)C)C	21.5 7.5
PUR O.I.	06	MAT9851507	(4G10+(2x1.5)C)C	21.0 10
PUR M.I.	07	MAT9060007	(4G10+(2x1.5)C)C	21.0 7.5

Basic cable



6FX_002-5DG01				
PVC O.I.	04	MAT9751529	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9751528	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9851541	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	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.
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 | Siemens
PVC/PUR

EPLAN macros available online ► Page 572/573

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

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm²]	Ø [mm]	R min. [x d]
Siemens Servo cables				

Basic cable SpeedTec



6FX_002-5DG10				
PVC O.I.	04	MAT9751589	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9751588	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT98515107	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT98515106	(4G1.5+(2x1.5)C)	13.0 7.5

Basic cable



6FX_002-5DG11				
PVC O.I.	04	MAT9751533	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9751532	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR O.I.	06	MAT9851545	(4G2.5+(2x1.5)C)C	14.0 10
PUR M.I.	07	MAT9851544	(4G2.5+(2x1.5)C)C	14.5 7.5

Basic cable SpeedTec



6FX_002-5DG12				
PVC O.I.	04	MAT9751593	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9751592	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR O.I.	06	MAT98515111	(4G2.5+(2x1.5)C)C	14.0 10
PUR M.I.	07	MAT98515110	(4G2.5+(2x1.5)C)C	14.5 7.5

Basic cable



6FX_002-5DG13				
PVC M.I.	05	MAT9751541	(4G10+(2x1.5)C)C	21.5 7.5
PUR O.I.	06	MAT9851555	(4G10+(2x1.5)C)C	21.0 10
PUR M.I.	07	MAT9851554	(4G10+(2x1.5)C)C	21.0 7.5

6FX_002-5DG21				
PVC O.I.	04	MAT9751531	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9751530	(4G1.5+(2x1.5)C)	13.0 7.5

Basic cable



PUR O.I.	06	MAT9851543	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	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.
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 | Siemens
PVC/PUR

EPLAN macros available online ▶ Page 572/573

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

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm²]	Ø [mm]	R min. [x d]
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
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.
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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 | Siemens
PVC/PUR

EPLAN macros available online ▶ Page 572/573

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

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm²]	Ø [mm]	R min. [x d]
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
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.
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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 | Siemens
PVC/PUR

EPLAN macros available online ▶ Page 572/573

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

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm²]	Ø [mm]	R min. [x d]
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



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Harnessed drive cables | Siemens
PVC/PUR

EPLAN macros available online ▶ Page 572/573

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

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm²]	Ø [mm]	R min. [x d]
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



Harnessed drive cables | Siemens
PVC/PUR

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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 [mm²]	Ø [mm]	R min. [x d]
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



Harnessed drive cables | Siemens
PVC/PUR

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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 [mm²]	Ø [mm]	R min. [x d]
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



Harnessed drive cables | Siemens
PVC/PUR

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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	Ø	R min.
		[mm²]	[mm]	[x d]
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	MAT9751508	(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	MAT9851510	(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

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

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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



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Harnessed drive cables | Siemens
PVC/PUR

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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	Ø	R min.
		[mm²]	[mm]	[x d]
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

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

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PVC/PUR

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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 nomi- nal cross section	Ø	R min.
		[mm²]	[mm]	[x d]
Siemens Servo cables				

Extension cable



6FX_002-5DA05				
PVC O.I.	04	MAT9751509	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9161001	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9851512	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9061001	(4G1.5+(2x1.5)C)	13.0 7.5
6FX_002-5DA15				
PVC O.I.	04	MAT9751510	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9161002	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR O.I.	06	MAT9851513	(4G2.5+(2x1.5)C)C	14.0 10
PUR M.I.	07	MAT9061002	(4G2.5+(2x1.5)C)C	14.5 7.5

Extension cable



6FX_002-5DA28				
PVC O.I.	04	MAT9751511	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9161003	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9851514	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9061003	(4G1.5+(2x1.5)C)	13.0 7.5
6FX_002-5DA38				
PVC O.I.	04	MAT9751512	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9161004	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR O.I.	06	MAT9851515	(4G2.5+(2x1.5)C)C	14.0 10
PUR M.I.	07	MAT9061004	(4G2.5+(2x1.5)C)C	14.5 7.5
6FX_002-5DA48				
PVC O.I.	04	MAT9751513	(4G4.0+(2x1.5)C)C	15.0 10
PVC M.I.	05	MAT9161005	(4G4.0+(2x1.5)C)C	16.0 7.5
PUR O.I.	06	MAT9851516	(4G4.0+(2x1.5)C)C	15.0 10
PUR M.I.	07	MAT9061005	(4G4.0+(2x1.5)C)C	16.0 7.5

Extension cable



6FX_002-5DA58				
PVC O.I.	04	MAT9751514	(4G6.0+(2x1.5)C)C	16.5 10
PVC M.I.	05	MAT9161006	(4G6.0+(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9851517	(4G6.0+(2x1.5)C)C	16.5 10
PUR M.I.	07	MAT9061006	(4G6.0+(2x1.5)C)C	17.5 7.5
6FX_002-5DA68				
PVC M.I.	05	MAT9161007	(4G10+(2x1.5)C)C	21.5 7.5
PUR O.I.	06	MAT9851518	(4G10+(2x1.5)C)C	21.0 10
PUR M.I.	07	MAT9061007	(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



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Harnessed drive cables | Siemens
PVC/PUR

EPLAN macros available online ► Page 572/573

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

Cable quality	Part No.	Number of cores and conductor nomi- nal cross section	Ø	R min.
		[mm²]	[mm]	[x d]
Siemens Servo cables				

Extension cable SpeedTec



6FX_002-5DN05				
PVC O.I.	04	MAT9751544	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9751543	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9851561	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9851560	(4G1.5+(2x1.5)C)	13.0 7.5
6FX_002-5DN15				
PVC O.I.	04	MAT9751546	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9751545	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR O.I.	06	MAT9851563	(4G2.5+(2x1.5)C)C	14.0 10
PUR M.I.	07	MAT9851562	(4G2.5+(2x1.5)C)C	14.5 7.5
6FX_002-5DQ15				
PVC O.I.	04	MAT97515122	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT97515123	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR O.I.	06	MAT98515142	(4G2.5+(2x1.5)C)C	14.0 10
PUR M.I.	07	MAT98515143	(4G2.5+(2x1.5)C)C	14.5 7.5
6FX_002-5DQ28				
PVC O.I.	04	MAT9751548	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9751547	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9851565	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9851564	(4G1.5+(2x1.5)C)	13.0 7.5
6FX_002-5DQ38				
PVC O.I.	04	MAT9751550	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9751549	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR O.I.	06	MAT9851567	(4G2.5+(2x1.5)C)C	14.0 10
PUR M.I.	07	MAT9851566	(4G2.5+(2x1.5)C)C	14.5 7.5
6FX_002-5DQ48				
PVC O.I.	04	MAT9751552	(4G4.0+(2x1.5)C)C	15.0 10
PVC M.I.	05	MAT9751551	(4G4.0+(2x1.5)C)C	16.0 7.5
PUR O.I.	06	MAT9851569	(4G4.0+(2x1.5)C)C	15.0 10
PUR M.I.	07	MAT9851568	(4G4.0+(2x1.5)C)C	16.0 7.5
6FX_002-5DQ58				
PVC O.I.	04	MAT9751554	(4G6.0+(2x1.5)C)C	16.5 10
PVC M.I.	05	MAT9751553	(4G6.0+(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9851571	(4G6.0+(2x1.5)C)C	16.5 10
PUR M.I.	07	MAT9851570	(4G6.0+(2x1.5)C)C	17.5 7.5
6FX_002-5DQ68				
PVC M.I.	05	MAT9751555	(4G10+(2x1.5)C)C	21.5 7.5
PUR O.I.	06	MAT9851573	(4G10+(2x1.5)C)C	21.0 10
PUR M.I.	07	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



Harnessed drive cables | Siemens
PVC/PUR

EPLAN macros available online ► Page 572/573

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

Cable quality	Part No.	Number of cores and conductor nominal cross section	Ø	R min.
		[mm²]	[mm]	[x d]
Siemens Servo cables				

Extension cable



6FX_002-5DX18					
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
6FX_002-5DX28					
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
6FX_002-5DX38					
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
6FX_002-5DX48					
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

EPLAN macros suitable for Siemens available online

Can be used directly in CAE planning.

Learn more about it on page 572/573 and online: www.igus.eu/eplan-macro

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Harnessed drive cables | Siemens
PUR

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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	Ø	R min.
		[mm²]	[mm]	[x d]
Siemens Hybrid servo cables				

Basic cable



6FX_002-8QN04					
PUR O.I.	27	MAT98515147	(4G0,34+(2x0,34)C)+(4xAWG26)C)C	10.0	10

Basic cable



6FX_002-8QN08					
PUR O.I.	27	MAT98515148	(4G0,75+(2x0,5)C)+(4xAWG26)C)C	11.0	10

Basic cable



6FX_002-8QN11					
PUR O.I.	27	MAT98515153	(4G1,5+(2x1,5)C)+(4xAWG26)C)C	13.0	10
6FX_002-8QN21					
PUR O.I.	27	MAT98515154	(4G2,5+(2x1,5)C)+(4xAWG26)C)C	14.5	10

Extension cable



6FX_002-8QE04					
PUR O.I.	27	MAT98515149	(4G0,34+(2x0,34)C)+(4xAWG26)C)C	10.0	10

Extension cable



6FX_002-8QE08					
PUR O.I.	27	MAT98515150	(4G0,75+(2x0,5)C)+(4xAWG26)C)C	11.0	10

Extension cable



6FX_002-8QE11					
PUR O.I.	27	MAT98515155	(4G1,5+(2x1,5)C)+(4xAWG26)C)C	13.0	10
6FX_002-8QE21					
PUR O.I.	27	MAT98515156	(4G2,5+(2x1,5)C)+(4xAWG26)C)C	14.5	10

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Harnessed drive cables | Siemens
PVC/PUR/TPE

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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	Ø	R min.
		[mm²]	[mm]	[x d]
Siemens Signal cables				

Basic cable



6FX8002-2CF20					
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					
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					
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					
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					
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					
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

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Harnessed drive cables | Siemens
PVC/PUR/TPE

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Cable quality	Part No.	Number of cores and conductor nominal cross section	Ø	R min.
		[mm²]	[mm]	[x d]
Siemens Signal cables				

Basic cable



6FX_002-2AH00					
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					
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					
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					
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					
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					
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

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Harnessed drive cables | Siemens
PVC/PUR/TPE

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Cable quality	Part No.	Number of cores and conductor nominal cross section	Ø	R min.
		[mm²]	[mm]	[x d]
Siemens Signal cables				

Basic cable



6FX_002-2CA71				
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

Basic cable



6FX_002-2CB31				
PUR	13	MAT9841507	(14x0.25)C	8.0 10
TPE H*	24	MAT9070007	(12x0.25)C	9.5 5
6FX_002-2CB51				
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
6FX_002-2CC11				
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
6FX_002-2CD01				
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

Basic cable



6FX_002-2CF01				
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
6FX_002-2CF02				
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
6FX_002-2CG00				
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

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Harnessed drive cables | Siemens
PVC/PUR/TPE

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Cable quality	Part No.	Number of cores and conductor nominal cross section	Ø	R min.
		[mm²]	[mm]	[x d]
Siemens Signal cables				

Basic cable



6FX_002-2CH00				
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

Basic cable



6FX_002-2CK00				
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
6FX_002-2CL00				
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

Basic cable



6FX_002-2CR00				
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

Basic cable



6FX_002-2CT12				
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

Basic cable



6FX_002-2DB10				
PUR	MAT9821501	(4x(2x0.25)C)C	11.0	10

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Harnessed drive cables | Siemens
PVC/PUR/TPE

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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	Ø	R min.
		[mm²]	[mm]	[x d]
Siemens Signal cables				

Basic cable



6FX_002-2DC10				
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

Basic cable



6FX_002-2DC36				
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

Basic cable



6FX_002-2EQ00				
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

Basic cable



6FX_002-2EQ10				
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

6FX_002-2EQ20				
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

6FX_002-2EQ31				
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

Basic cable



6FX_002-5BL03				
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



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Harnessed drive cables | Siemens
PVC/PUR/TPE

EPLAN macros available online ▶ Page 572/573

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

Cable quality	Part No.	Number of cores and conductor nominal cross section	Ø	R min.
		[mm²]	[mm]	[x d]
Siemens Signal cables				

Basic cable



6fx3002-2CT10				
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

Extension cable



6FX8002-2CQ34				
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

Extension cable



6FX_002-2AD04				
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

6FX_002-2AH04				
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

6FX_002-2CA34				
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

6FX_002-2CA54				
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

6FX_002-2CB34				
PUR	13	MAT9841525	(14x0.25)C	8.0 10
TPE H*	24	MAT9071007	(12x0.25)C	9.5 5

6FX_002-2CB54				
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

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Harnessed drive cables | Siemens
PVC/PUR/TPE

EPLAN macros available online ► Page 572/573

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

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm²]	Ø [mm]	R min. [x d]
Siemens Signal cables				

Extension cable



6FX_002-2CC14					
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					
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					
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					
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					
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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Harnessed drive cables | Siemens
PUR

EPLAN macros available online ► Page 572/573

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

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm²]	Ø [mm]	R min. [x d]
Siemens Signal cables DriveCliq				

Basic cable



6FX8002-2DC30-1AD0(3m)					
PUR M.I.	10	MAT9841534	(2x(2x0.20)+(2x0.38))C	7.5	7.5
6FX8002-2DC30-1AF0(5m)					
PUR M.I.	10	MAT9841535	(2x(2x0.20)+(2x0.38))C	7.5	7.5
6FX8002-2DC30-1BA0(10m)					
PUR M.I.	10	MAT9841536	(2x(2x0.20)+(2x0.38))C	7.5	7.5
6FX8002-2DC30-1BF0(15m)					
PUR M.I.	10	MAT9841537	(2x(2x0.20)+(2x0.38))C	7.5	7.5
6FX8002-2DC30-1CA0(20m)					
PUR M.I.	10	MAT9841538	(2x(2x0.20)+(2x0.38))C	7.5	7.5
6FX8002-2DC30-1CF0(25m)					
PUR M.I.	10	MAT9841539	(2x(2x0.20)+(2x0.38))C	7.5	7.5
6FX8002-2DC30-1DA0(30m)					
PUR M.I.	10	MAT9841540	(2x(2x0.20)+(2x0.38))C	7.5	7.5

Extension cable



6FX8002-2DC34-1AD0(3m)					
PUR M.I.	10	MAT9841541	(2x(2x0.20)+(2x0.38))C	7.5	7.5
6FX8002-2DC34-1AF0(5m)					
PUR M.I.	10	MAT9841542	(2x(2x0.20)+(2x0.38))C	7.5	7.5
6FX8002-2DC34-1BA0(10m)					
PUR M.I.	10	MAT9841543	(2x(2x0.20)+(2x0.38))C	7.5	7.5
6FX8002-2DC34-1BF0(15m)					
PUR M.I.	10	MAT9841544	(2x(2x0.20)+(2x0.38))C	7.5	7.5
6FX8002-2DC34-1CA0(20m)					
PUR M.I.	10	MAT9841545	(2x(2x0.20)+(2x0.38))C	7.5	7.5
6FX8002-2DC34-1CF0(25m)					
PUR M.I.	10	MAT9841546	(2x(2x0.20)+(2x0.38))C	7.5	7.5
6FX8002-2DC34-1DA0(30m)					
PUR M.I.	10	MAT9841547	(2x(2x0.20)+(2x0.38))C	7.5	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 | 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 [mm²]	Ø [mm]	R min. [x d]
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Stöber Servo cables

Basic cable



Gr.1-Motor-1,0mm²				
PVC O.I.	04	MAT9751601	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9430001	(4G1.0+2x(2x0.75)C)	13.5 7.5
PUR O.I.	06	MAT9851601	(4G1.0+2x(2x0.75)C)	13.0 10
PUR M.I.	07	MAT9420001	(4G1.0+2x(2x0.75)C)	13.5 7.5
Gr.1-Motor-1,5mm²				
PVC O.I.	04	MAT9751602	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9430002	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9851602	(4G1.5+2x(2x0.75)C)C	13.5 10
PUR M.I.	07	MAT9420002	(4G1.5+2x(2x0.75)C)C	14.5 7.5
Gr.1-Motor-2,5mm²				
PVC O.I.	04	MAT9751603	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9430003	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9851603	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9420003	(4G2.5+2x(2x1.5)C)C	16.0 7.5
Gr.1-Motor-4,0mm²				
PVC O.I.	04	MAT9751604	(4G4.0+2x(2x1.5)C)C	17.0 10
PVC M.I.	05	MAT9430004	(4G4.0+2x(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9851604	(4G4.0+2x(2x1.5)C)C	17.0 10
PUR M.I.	07	MAT9420004	(4G4.0+2x(2x1.5)C)C	17.5 7.5

Basic cable



Gr.1,5-Motor-4,0mm²				
PVC O.I.	04	MAT9751605	(4G4.0+2x(2x1.5)C)C	17.0 10
PVC M.I.	05	MAT9430005	(4G4.0+2x(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9851605	(4G4.0+2x(2x1.5)C)C	17.0 10
PUR M.I.	07	MAT9420005	(4G4.0+2x(2x1.5)C)C	17.5 7.5
Gr.1,5-Motor-6,0mm²				
PVC O.I.	04	MAT9751606	(4G6.0+2x(2x1.5)C)C	19.0 10
PVC M.I.	05	MAT9430006	(4G6.0+2x(2x1.5)C)C	21.0 7.5
PUR O.I.	06	MAT9851606	(4G6.0+2x(2x1.5)C)C	19.0 10
PUR M.I.	07	MAT9420006	(4G6.0+2x(2x1.5)C)C	19.5 7.5
Gr.1,5-Motor-10,0mm²				
PVC M.I.	05	MAT9430007	(4G10+2x(2x1.5)C)C	23.0 7.5
PUR O.I.	06	MAT9851607	(4G10+2x(2x1.5)C)C	22.5 10
PUR M.I.	07	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.
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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

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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 [mm²]	Ø [mm]	R min. [x d]
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Stöber Encoder cables

iSDS4000 Basic cable



Encoder ED/EK iSDS4000				
PVC	08	MAT9431001	(4x(2x0.34)+4x0.5)C	9.5 10
PUR O.I.	09	MAT9941601	(4x(2x0.34)+4x0.5)C	9.5 10
PUR M.I.	10	MAT9841601	(4x(2x0.34)+4x0.5)C	10.0 7.5
TPE H*	11	MAT9421001	(4x(2x0.34)+4x0.5)C	10.0 6.8

iSDS4000 Basic cable



Encoder ES iSDS4000				
PUR O.I.	09	MAT9941602	((4x0.25)+3x(2x0.25+2x0.5))C	9.5 10
PUR M.I.	10	MAT9841602	((4x0.25)+3x(2x0.25+2x0.5))C	11.0 7.5
TPE H*	11	MAT9421002	((4x0.25)+3x(2x0.25+2x0.5))C	10.0 6.8

iHTL Basic cable



Encoder HTL				
PVC	08	MAT9431006	(4x(2x0.25)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9841606	(4x(2x0.25)+2x0.5)C	8.5 7.5
TPE H*	11	MAT9421006	(4x(2x0.25)+2x0.5)C	8.5 6.8

iMDS5000 Basic cable

Encoder iMDS5000				
PVC	08	MAT9431004	(4x(2x0.25)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9841604	(4x(2x0.25)+2x0.5)C	8.5 7.5
TPE H*	11	MAT9421004	(4x(2x0.25)+2x0.5)C	8.5 6.8

iMDS5000 Basic cable



Resolver iMDS5000				
PVC	08	MAT9431005	(3x(2x0.25)C)C	9.0 10
PUR M.I.	10	MAT9841605	(3x(2x0.25))C	7.5 7.5
TPE H*	11	MAT9421005	(3x(2x0.25))C	7.5 6.8

iSDS4000 Basic cable



Resolver iSDS4000				
PVC	08	MAT9431003	(4x(2x0.25)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9841603	(4x(2x0.25)+2x0.5)C	8.5 7.5
TPE H*	11	MAT9421003	(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



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