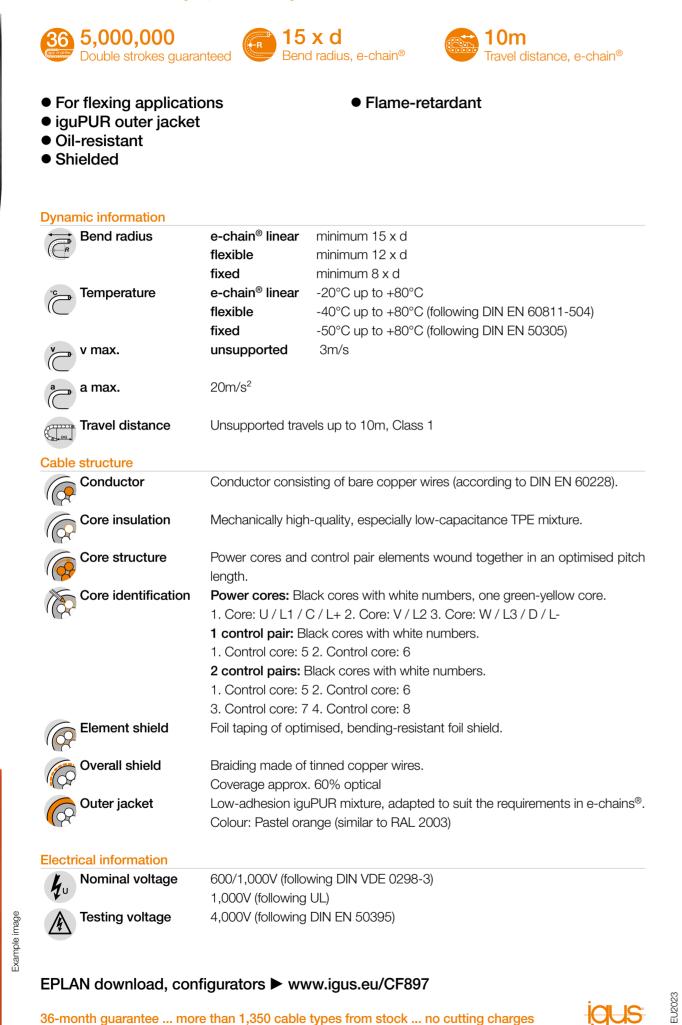
Servo cable | iguPUR | chainflex® CF897



Basic requirements Travel distance

Oil resistance Torsion	none none
Medium	
Oil-resistant (following DIN EN	5036
According to IEC 60332-1-2, C	Cable
Free from silicone which can af 1992) Certificate No. B129699: "ig service life calculator based of See data sheet for details ► w	us 3 n 2 k

Following NFPA 79-201
Certificate No. RU C-D
In accordance with reg
Following 2011/65/EC
Following 2014/35/EU

Class 3.1.3.1

Properties and approvals

UV resistance

Oil resistance

Flame-retardant

Silicone-free

🔍 UL verified

UL/CSA AWM

EA

REAC

RoH

CA

UK UKCA

Guaranteed service life (details see page 28-29)

•			
Double strokes*	1 million	3 million	5 million
Temperature, from/to [°C]	R min. [factor x d]	R min. [factor x d]	R min. [factor x d]
-20/-10	17.5	18.5	19.5
-10/+70	15	16	17
+70/+80	17.5	18.5	19.5
Higher number of double strol	kes? Service life calculation of	online 🕨 www.igus.eu/chainfle>	klife

* High

Typical application areas

- For flexing applications, Class 3
- Especially for unsupported travels, Class 1
- With influence of oil, Class 3
- No torsion. Class 1
- Indoor and outdoor applications without direct sun radiation
- Machining units/machine tools, low temperature applications

Part No.	Number of cores and conductor nominal cross section [mm²]	Outer diameter (d) max. [mm]	Copper index [kg/km]	Weight [kg/km]		
1 control pair shielded						
CF897.15.15.02.01	(4G1.5+(2x1.5)C)	12.5	124	201		
CF897.25.15.02.01	(4G2.5+(2x1.5)C)C	13.5	182	248		
CF897.40.15.02.01	(4G4.0+(2x1.5)C)C	14.5	236	329		
2 control pairs shielded						
CF897.15.15.02.02	(4G1.5+2x(2x1.5)C)C	13.5	164	246		

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. G = with green-vellow earth core x = without earth core

chainflex



o.z. LIN-TECH HENNLICH s.r.o. Českolipská 9. 412 01 Litoměřice



363-10-2), Class 3

le Flame, VW-1, FT1, FT2 / Horizontal Flame

paint adhesion (following PV 3.10.7 - status

36-month chainflex cable guarantee and billion test cycles per year' .igus.eu/CF897

Following NFPA 79-2018, chapter 12.9

ate No. RU C-DE.ME77.B.00302/19

ordance with regulation (EC) No. 1907/2006 (REACH)

ng 2011/65/EC (RoHS-II/RoHS-III)

In accordance with the valid regulations of the United Kingdom (as at 08/2021)

UL-verified chainflex® guarantee ... www.igus.eu/ul-verified

E-mail: lin-tech@hennlich.cz



CF897

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