

M40 SERVO CABLE

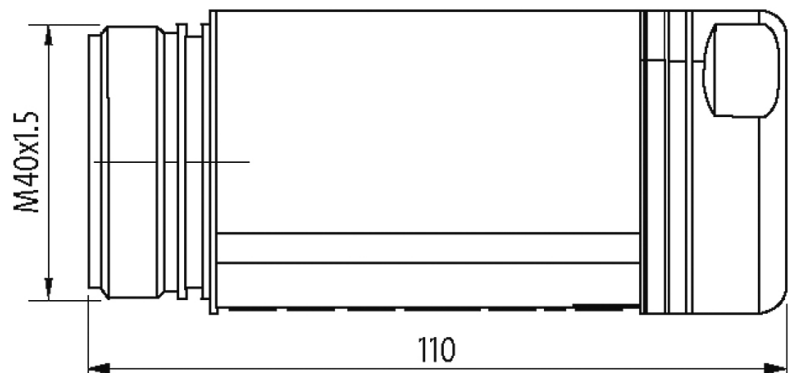
Specification: 6FX8002-5DA38-1AF0

Female straight – male straight
M40
6-pole
without cable sleeves

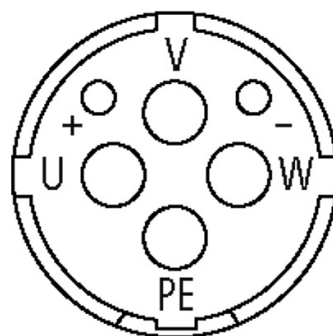
Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

[Link to Product](#)

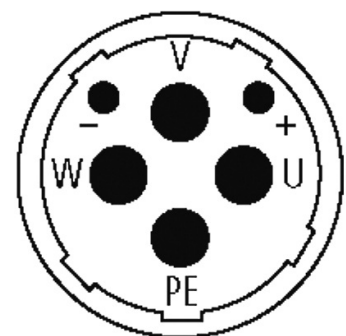
Illustration



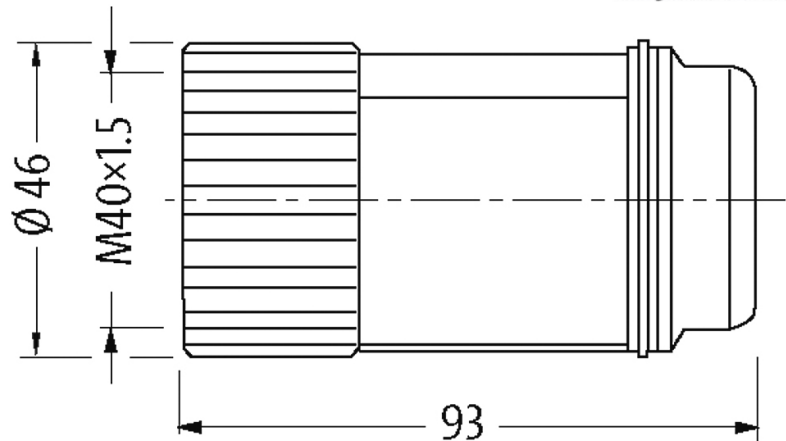
Female



Male



stay connected



Product may differ from Image

Form

Form PS111

Cables

Cable number	833
No./diameter of wires	(4G2.5 + (2x1.5)C)-C
Wire isolation	TPM (bk num, gnye)
C-track properties	10 Mio.
Jacket Color	orange
Material (jacket)	PUR (UL/CSA) (=MC800+)
Outer Ø	13.4 mm ±5%
Bend radius (moving)	7.5 × outer Ø
Temperature range (fixed)	-50...+80 °C
Temperature range (mobile)	-20...+60 °C
Specification	6FX8008-1BA21
Cable identification	833
Approval (cable)	cRUus (AWM-Style 21223/10492)
Material (wire)	Cu wire, bare
Resistor (core)	max. 13.3 Ω/km (1.5 mm ²), max. 7.98 Ω/km (2.5 mm ²); (20 °C)
Single wire Ø (core)	0.15 mm
Diameter (core)	(4G2.5 + (2x1.5)C)-C
Material (wire isolation)	PP
Wire-Ø incl. isolation	2.4 ±5% (1.5 mm ²); 3.1 ±5% (2.5 mm ²)
Shield	yes
	min. 85%
Material (jacket)	PUR
Outer-Ø (jacket)	13.4 mm ±5%
Color (jacket)	orange
thermal resistance	flame retardant UL 1581 VW1 / CSA FT 1
Nominal voltage	600/1 000 V AC
Test voltage	4 kV

The information in this brochure has been compiled with the utmost care.

Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 05/19

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Temperature range (fixed)	-50...+80 °C
Temperature range (mobile)	-35...+70 °C
Bend radius (fixed)	4 × outer-Ø
Bend radius (moving)	7.5 × outer Ø
No. of bending cycles (C-track)	max. 10 Mio. (25 °C)
Torsion stress	±30°/m

Technical Data

Operating voltage	max. 630 V AC/DC
Rated surge voltage	6 kV
Material group	IEC 60664-1, category I
Locking of ports	M40 × 1.5 mm
Compression gland	M40
Protection	IP65 and IP67 when plugged and screwed down (EN 60529)
Locking material	Brass, nickel plated

General data

Pollution Degree	3
Temperature range	-25...+85 °C, depending on cable quality

Commercial data

country of origin	DE
customs tariff number	85444290
EAN	4048879575232
eClass	27279218
Packaging unit	1