

M12 fem.recept. A-cod. rear/RJ45 male 0° shielded

TPE 4x2x24AWG SF/UTP CAT5e bu UL/CSA. CM 3m

Ethernet CAT5

The resistance to aggressive media should be individually tested for your application. Further details on request.

Flange female straight – male straight

M12 – RJ45, 8-pole

M12, A-coded

shielded

Rear mounting

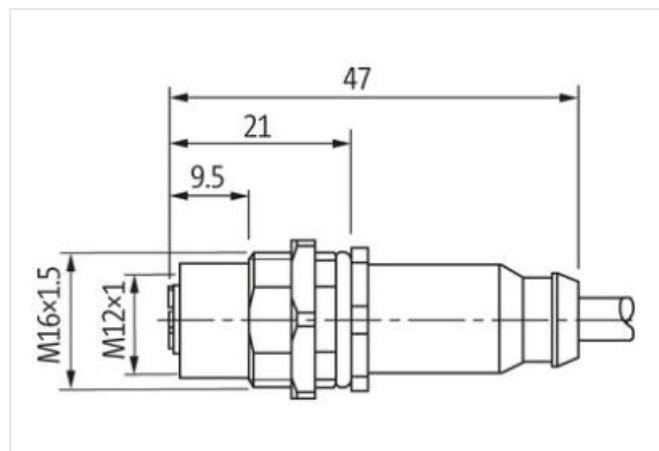
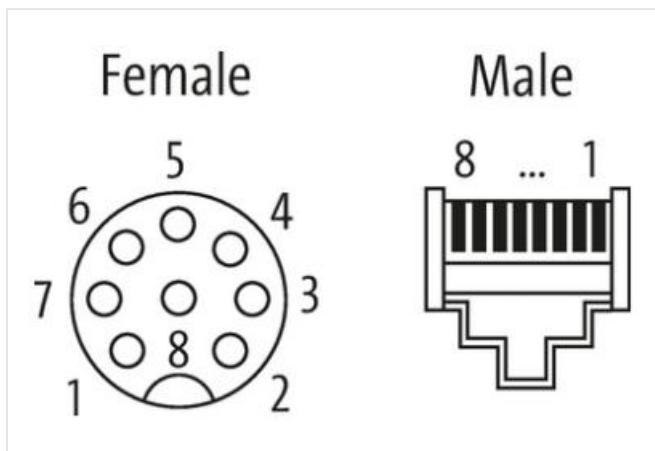
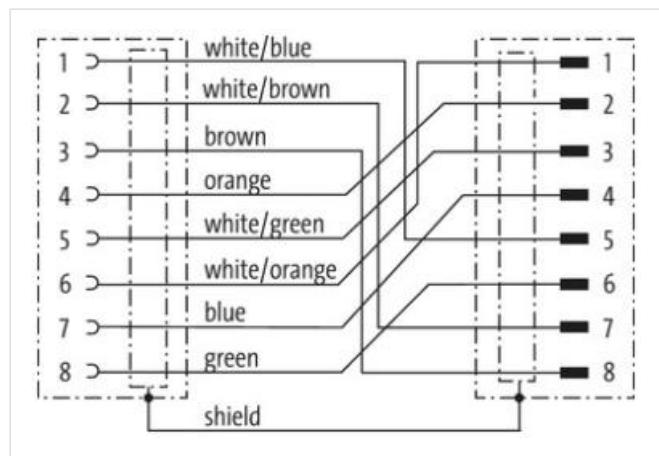
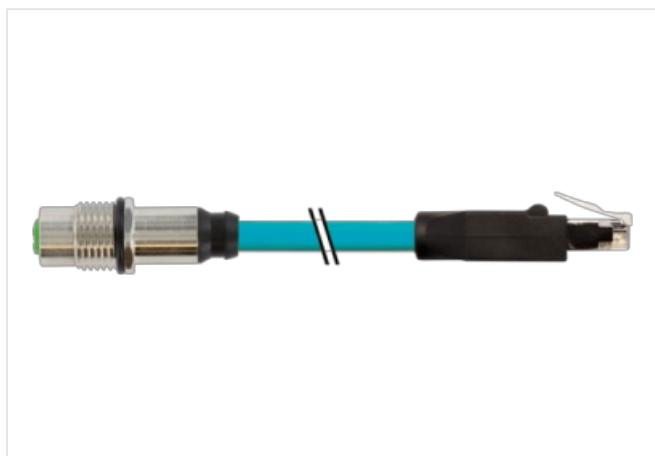
Protection cap

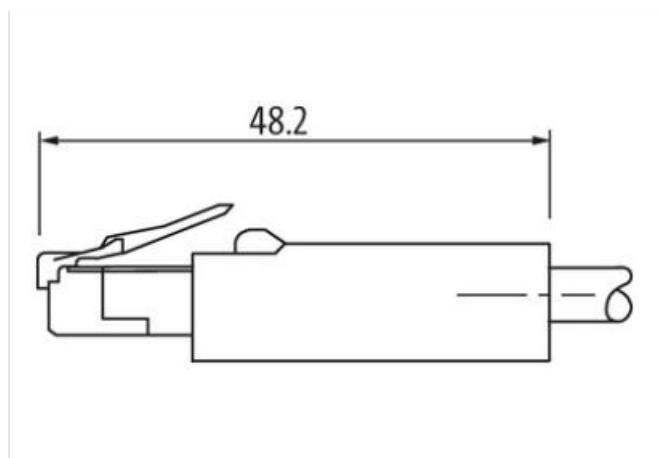
Further cable lengths on request.

Plastic housings with good resistance against chemicals and oils.

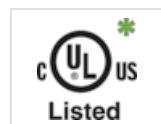
[Link to Product](#)

Illustration





Product may differ from Image



EtherNet/IP



* only for products with UL/CSA approved cable

Form

Form 48851

Technical Data

Operating voltage	max. 60 V AC/DC
Rated surge voltage	0.8 kV
No. of poles	8
Transfer parameters	CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)
Transfer rate	1 Gbit/s
Material group	IEC 60664-1, category I

General data

Mounting method	inserted, tightened
Pollution Degree	2
Temperature range	-25...+85 °C, depending on cable quality

Cables

Cable identification	S4W
Cable weight [g/m]	74,8 g
Material (wire)	Cu wire, tin plated
Construction (core)	7 x 0.203 mm
Diameter (core)	4 x 2 x 0.25 mm ²
AWG	similar to AWG 24
Material (wire isolation)	HDPE
Wire-Ø incl. isolation	1.17 mm ±5%
Color/numbering of wires	(wh-bl, bl) + (wh-or, or) + (wh-gn, gn) + (wh-br, br)
Shield	yes
Shield (Type)	Copper braid
optical shield cover	min. 75%
Material (jacket)	TPE
Outer-Ø (jacket)	7.6 mm ±5%
Color (jacket)	(wh-bl, bl) + (wh-or, or) + (wh-gn, gn) + (wh-br, br)
Temperature range (fixed)	-40...+80 °C
Temperature range (mobile)	-40...+80 °C
Bend radius (fixed)	5x outer Ø
Bend radius (moving)	10x outer Ø

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: 2022-11-14

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No. of bending cycles (C-track)	max. 1 Mio. (25 °C)
No. of torsion cycles	max. 3 Mio. (25 °C)
Product article number of manufacturer	7700-48851-S4W0300
Cable length	3 m