

**M12 male 0° / M12 female 0° D-cod. shielded**

TPE 2x2x24AWG SF/UTP CAT5e bu UL/CSA. CM 6m

Ethernet CAT5

Male straight – female straight

M12 – M12, 4-pole

D-coded

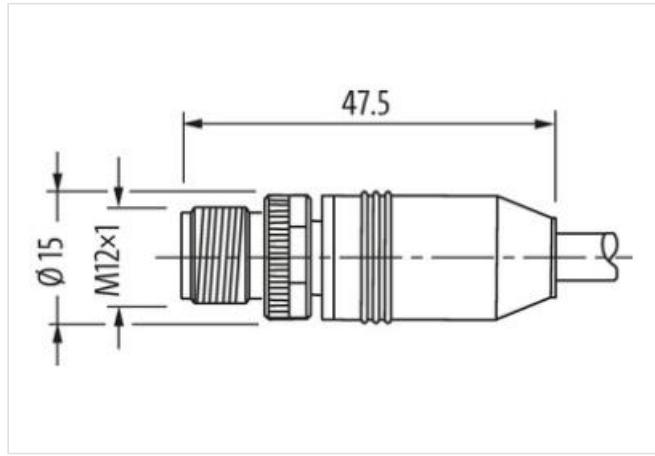
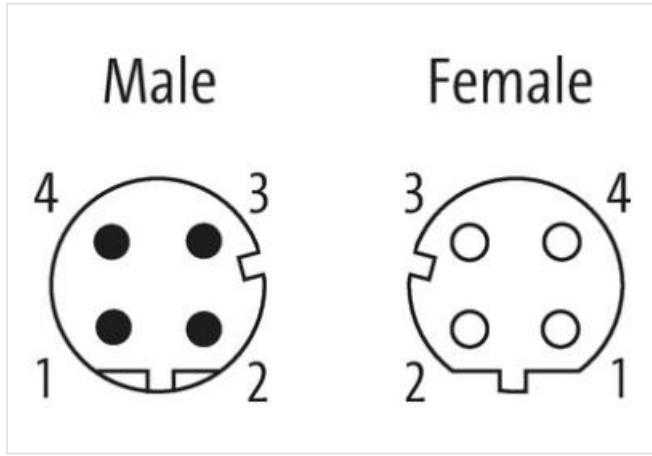
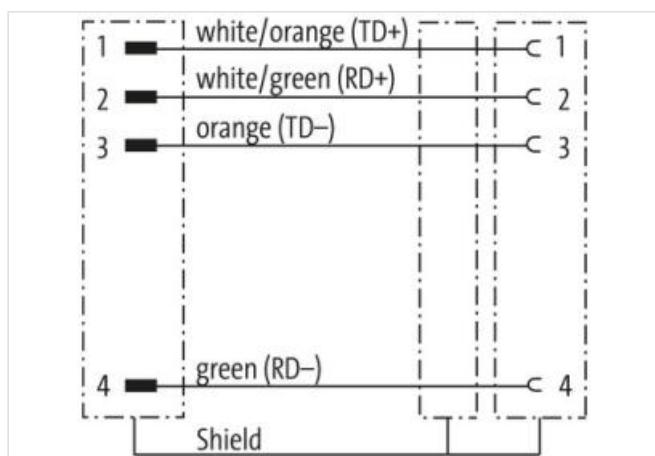
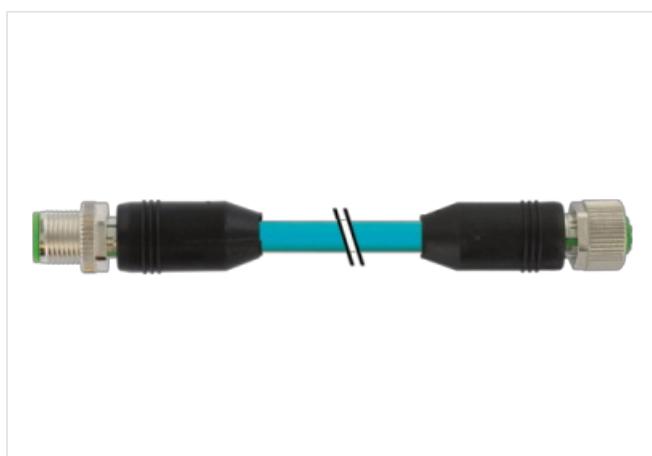
shielded

USA

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.

Further cable lengths on request.

[Link to Product](#)**Illustration**

Product may differ from Image



\* only for products with UL/CSA approved cable

**Form**

Form

44571

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: 2022-11-13

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**Technical Data**

Operating voltage	max. 60 V DC
Rated surge voltage	1.5 kV
No. of poles	4
Transfer parameters	CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)
Transfer rate	up to 100 Mbit/s full duplex
Material group	IEC 60664-1, category I

**General data**

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

**Cables**

Cable identification	S4U
Cable weight [g/m]	55,66 g
Material (wire)	Cu wire, tin plated
Construction (core)	7x 0.203 mm
Diameter (core)	2x 2x 0.25 mm <sup>2</sup>
AWG	similar to AWG 24
Material (wire isolation)	HDPE
Wire-Ø incl. isolation	1.22 mm ±5%
Color/numbering of wires	(wh-or, or) + (wh-gn, gn)
Shield	yes
Shield (Type)	Copper braid
optical shield cover	min. 75%
Material (jacket)	TPE
Outer-Ø (jacket)	6.6 mm ±5%
Color (jacket)	blue
Nominal voltage	1500 V AC
Temperature range (fixed)	-40...+80 °C
Temperature range (mobile)	-40...+80 °C
Bend radius (moving)	10x outer Ø
Travel speed (C-track)	max. 1.2 m/s
Acceleration (C-track)	max. 2.4 m/s <sup>2</sup>
No. of torsion cycles	max. 3 Mio. (25 °C)
Torsion speed	60 cycles/min

Product article number of manufacturer	7700-44571-S4U0600
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Cable length	6 m
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