

M12 male 0° D-cod. with cable shielded

TPE 22AWG SF/UTP CAT5e gn UL/CSA. ITC/PLTC 2m

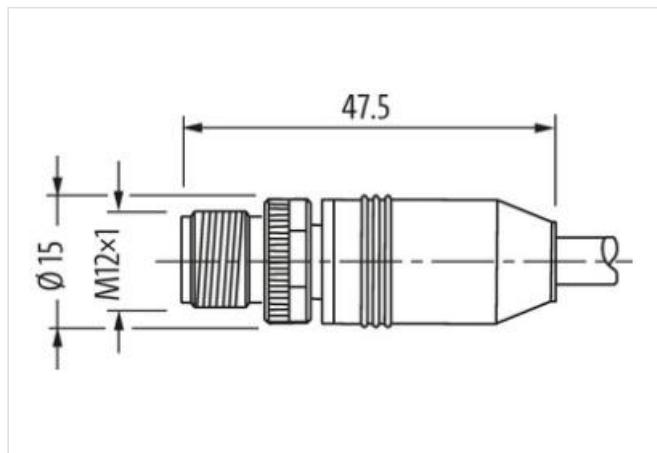
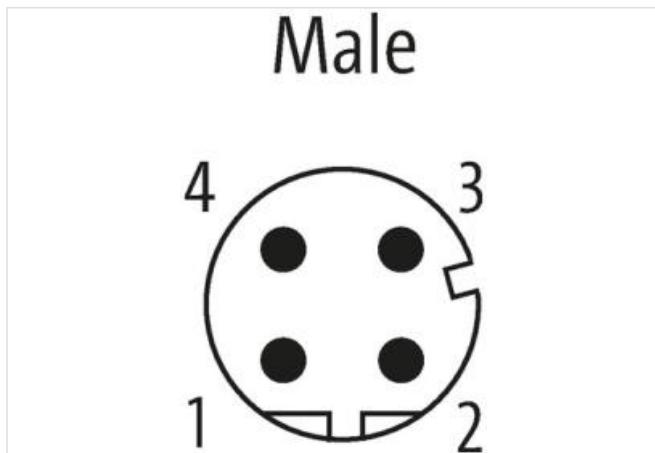
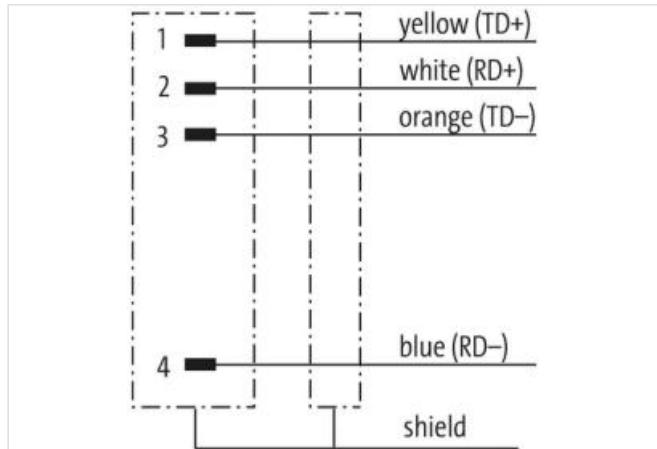
USA

Ethernet CAT5
Male straight
M12, 4-pole
D-coded
shielded

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

Product may differ from Image



* only for products with UL/CSA approved cable

Form

Form

14541

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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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	S7V
Cable weight [g/m]	74,8 g
Material (wire)	Cu wire, tin plated
Construction (core)	19× 0.16 mm (multi-strand wire class 5)
Diameter (core)	2× 2× 0.34 mm ²
Material (wire isolation)	HDPE
Wire-Ø incl. isolation	1.42 mm ±5%
Shield	yes
Material (jacket)	TPE
Outer-Ø (jacket)	7.9 mm ±5%
Color (jacket)	green
Temperature range (fixed)	-40...+80 °C
Temperature range (mobile)	-20...+80 °C
Bend radius (fixed)	5× outer Ø
Bend radius (moving)	10× outer Ø
Torsion stress	±180°/m
No. of torsion cycles	max. 5 Mio. (25 °C)

Product article number of manufacturer 7700-14541-S7V0200

Cable length 2 m