

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

TPE 22AWG SF/UTP CAT5e gn UL/CSA. ITC/PLTC 1m

Ethernet CAT5

Further cable lengths on request.

Male straight – female straight

M12 – M12, 4-pole

D-coded

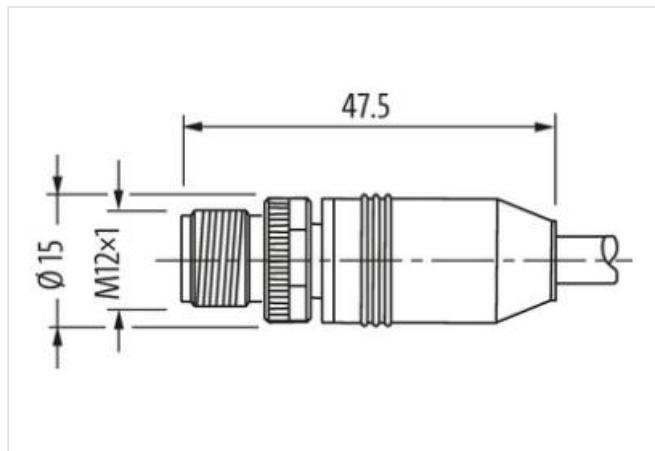
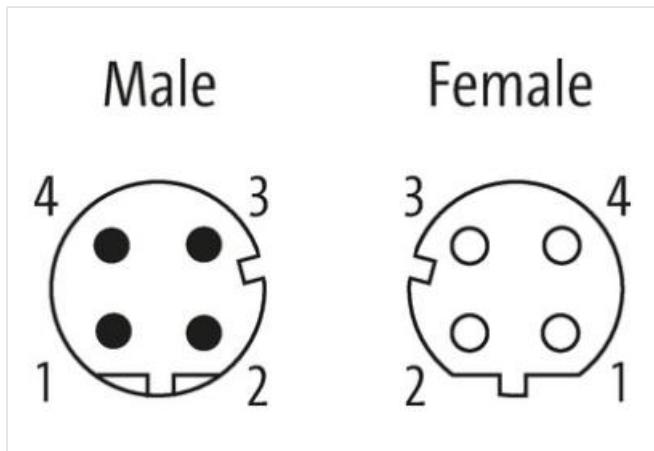
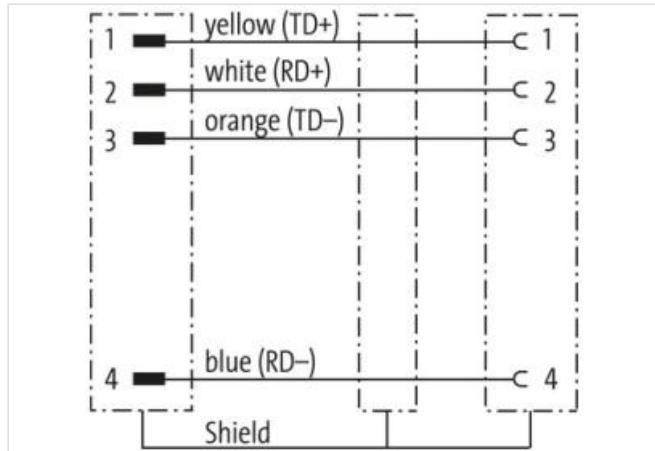
shielded

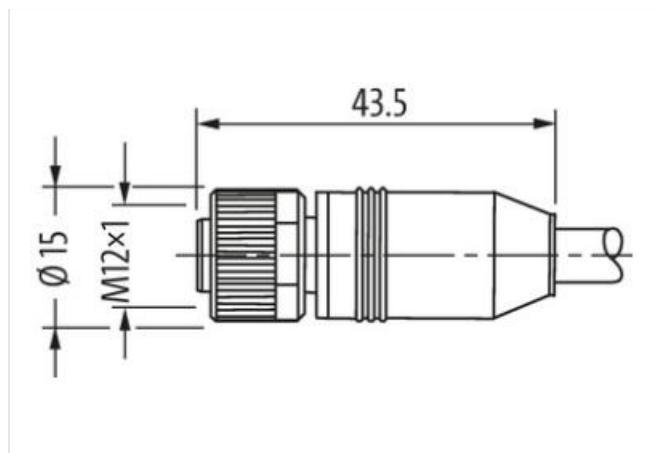
USA

Transmission properties with channel transmission up to 100 m

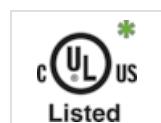
Plastic housings with good resistance against chemicals and oils.

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



EtherNet/IP

* only for products with UL/CSA approved cable

Form

Form 44571

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
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)	19x 0.16 mm (multi-strand wire class 5)
Diameter (core)	2x 2x 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)	5x outer Ø
Bend radius (moving)	10x outer Ø
Torsion stress	±180°/m
No. of torsion cycles	max. 5 Mio. (25 °C)

Product article number of manufacturer 7700-44571-S7V0100

Cable length 1 m