

M12 male 0° / M12 male 90° D-cod. shielded

TPE 22AWG SF/UTP CAT5e gn UL/CSA. ITC/PLTC 3m

USA

Ethernet CAT5

Male 90° – male straight

M12 – M12, 4-pole

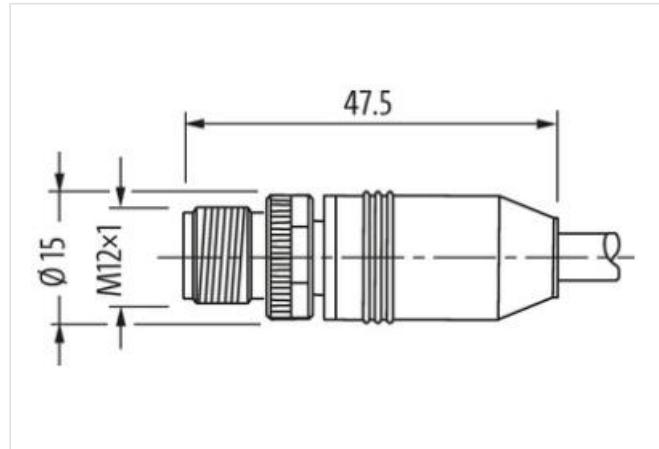
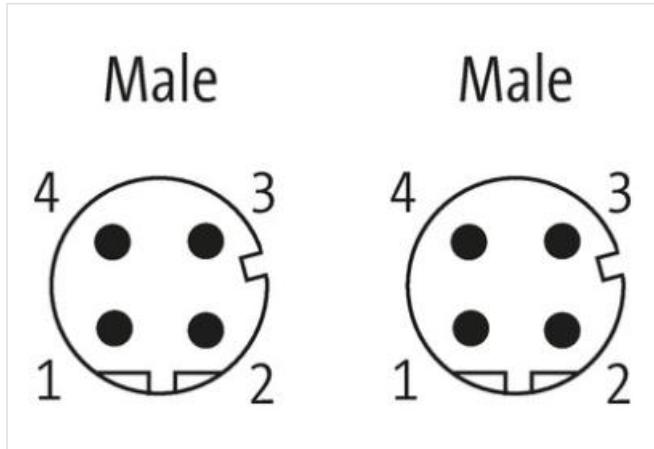
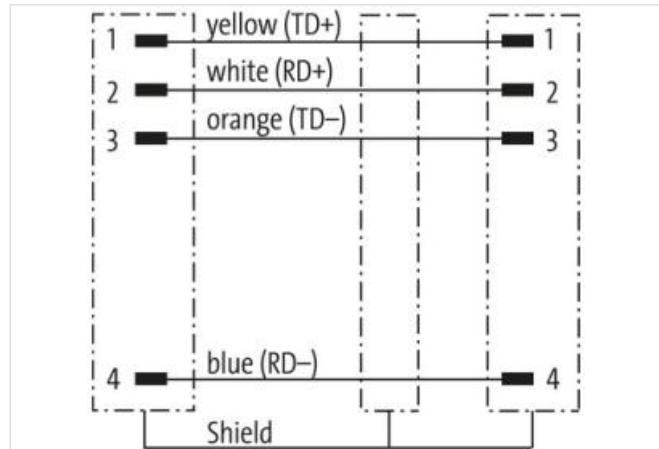
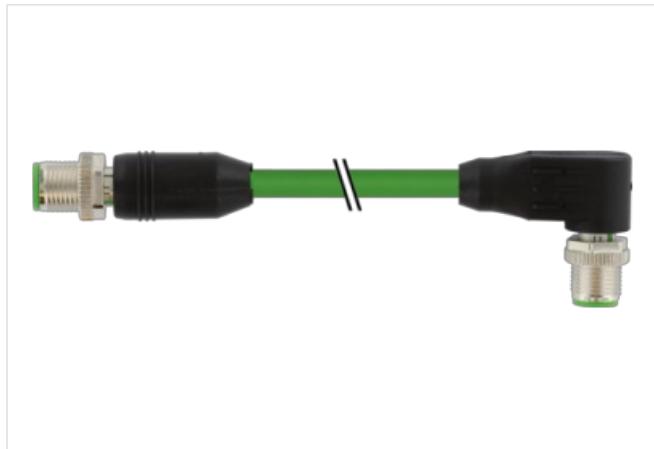
D-coded

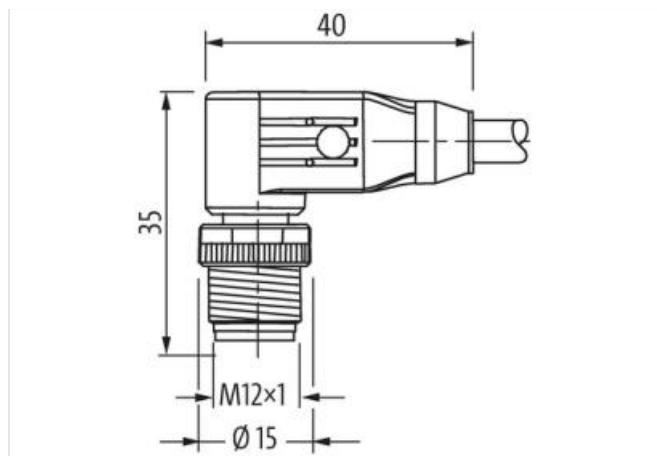
shielded

Further cable lengths on request.

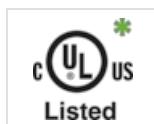
Plastic housings with good resistance against chemicals and oils.

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



EtherNet/IP

* only for products with UL/CSA approved cable

Form

Form 44541

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

Product article number of manufacturer 7700-44541-S7V0300

Cable length 3 m