

**M12 male 90° A-cod. with cable shielded**

TPE 4x2x24AWG SF/UTP CAT5e bu UL/CSA. CM 30m

USA

Ethernet CAT5

Male 90°

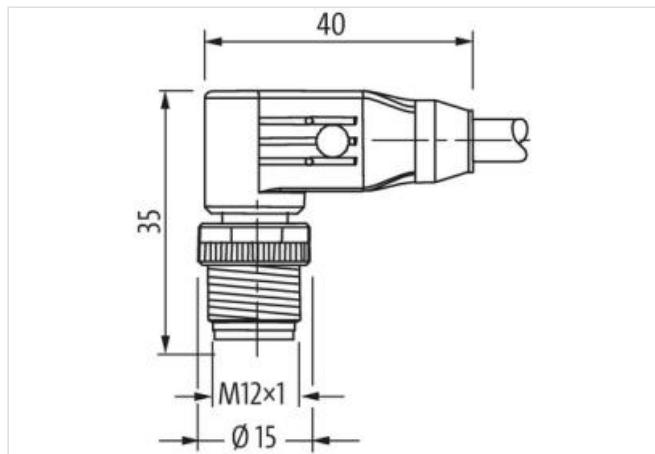
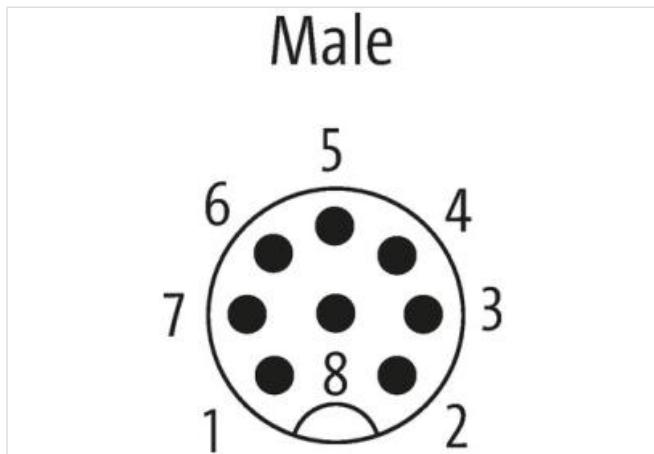
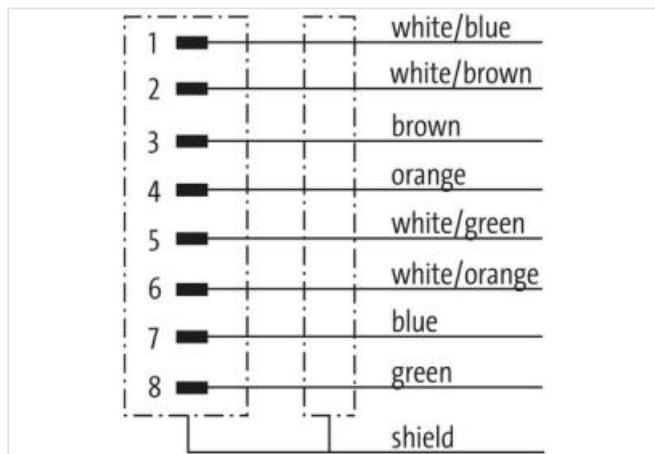
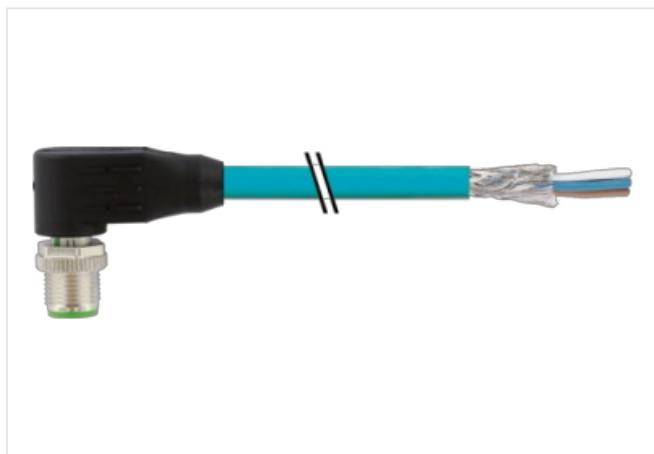
M12, 8-pole

with cable sleeves

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

17561

### Technical Data

Operating voltage	max. 60 V AC/DC
Rated surge voltage	0.8 kV
No. of poles	8
Transfer parameters	CAT5e (ANSI/TIA/EIA-568-B.2-2001), CAT5 Class D nach ISO/IEC 11801
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× 0.203 mm
Diameter (core)	4× 2× 0.25 mm <sup>2</sup>
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)	5× outer Ø
Bend radius (moving)	10× outer Ø
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 7700-17561-S4W3000

Cable length 30 m