

M12 male 90° / RJ45 male 0° 8p. shielded EN

TPE 4x2x24AWG SF/UTP CAT5e bu UL/CSA, CM 1m

Male 90° – male straight

The resistance to aggressive media should be individually tested for your application. Further details on request.
 Further cable lengths on request.

M12 – RJ45, 8-pole

shielded

USA

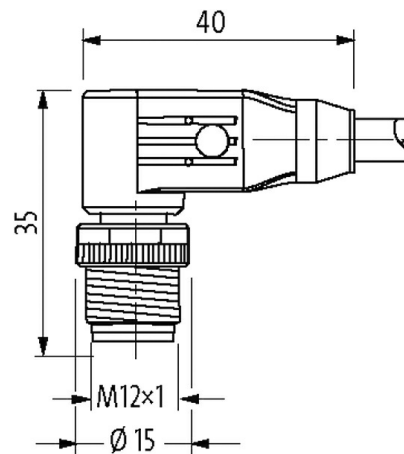
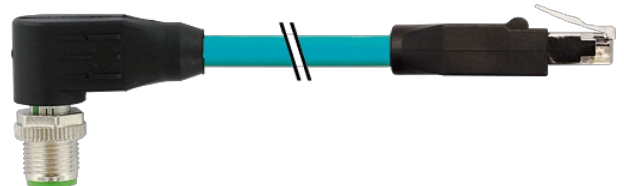
without cable sleeves

Ethernet CAT5

Ethernet CAT5e

Protection cap

Plastic housings with good resistance against chemicals and oils.

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

Product may differ from Image

Approvals

* only for products with UL/CSA approved cable

More Info

EtherNet/IP

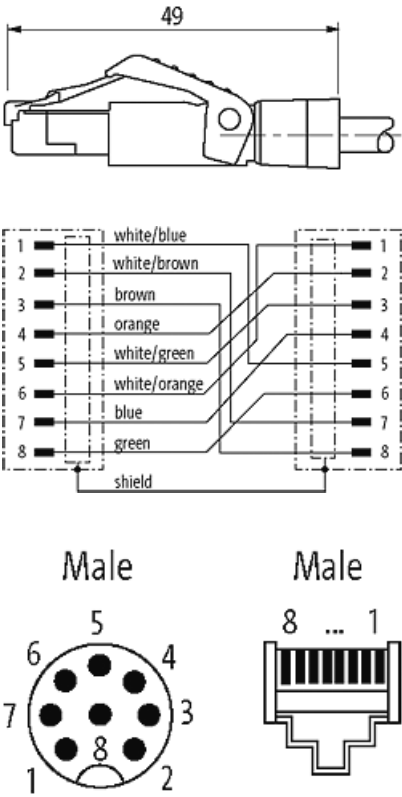
Form	
Form	48551
General data	
Standards	DIN EN 61076-2-101 (M12)
Mounting method	inserted, tightened
Pollution Degree	2
Temperature range	-25...+85 °C, depending on cable quality
Cables	
No./diameter of wires	4 × 2 × 0.25 mm ²
Wire isolation	HDPE (whbl, bl, whor, or, whgn, gn, whbr, br)
C-track properties	1 Mio.
Jacket Color	blue
Material (jacket)	TPE (UL/CSA)
Outer Ø	7.6 mm ±5%
Bend radius (moving)	10 × outer Ø
Temperature range (fixed)	-40...+80 °C
Temperature range (mobile)	-40...+80 °C
Cable identification	S4W
Cable weight [g/m]	74,80
Material (wire)	Cu wire, tin plated
Construction (core)	7 × 0.203 mm
Diameter (core)	4 × 2 × 0.25 mm ²
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
	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
No. of bending cycles (C-track)	max. 1 Mio. (25 °C)
Torsion stress	3 Mio.
Technical Data	
Operating voltage	60 V AC/DC
Operating voltage (only UL listed)	max. 30 V AC/DC
Rated surge voltage	0.8 kV
Operating current per contact	max. 1.76 A
Material group	IEC 60664-1, category I
No. of poles	8
Transfer parameters	CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)
Transfer rate	1 Gbit/s
Coding	A-coded
LED display	no
Locking of ports	Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing

Compression gland	M12 (SW13)
Protection	IP67 (M12) - IP20 (RJ45)
Locking material	Zinc die casting, matte nickel plated (M12)
Material	PUR
suitable for corrugated tube (internal Ø)	without

Commercial data

country of origin	DE
customs tariff number	85444210
EAN	4048879662437
eClass	27061801
Packaging unit	1

Sketch



Product may differ from Image