

M12 female recept. shielded RM/RJ 45 male 0° EN

TPE 4x2x24AWG SF/UTP CAT5e bu UL/CSA, CM 15m

Ethernet CAT5

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

Flange female straight – male straight

M12 – RJ45, 8-pole

M12, A-coded

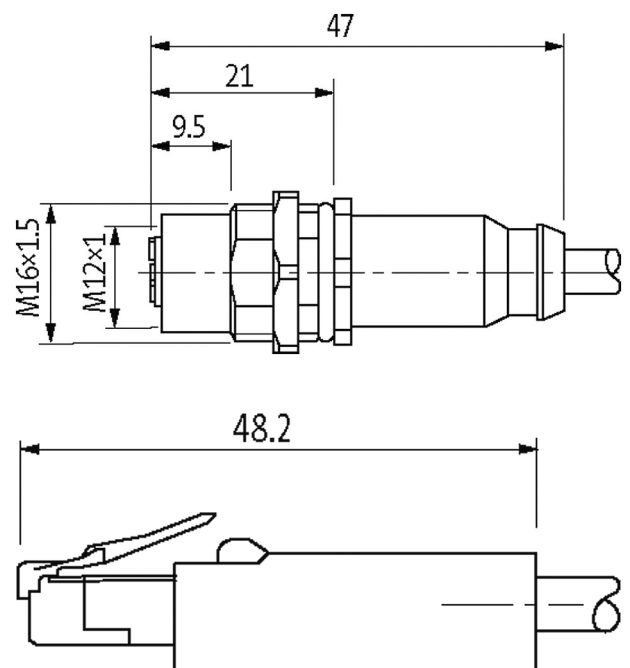
shielded

Rear mounting

Protection cap

Further cable lengths on request.

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 48851

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 (wh-bl, bl, wh-or, or, wh-gn, gn, wh-br, 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

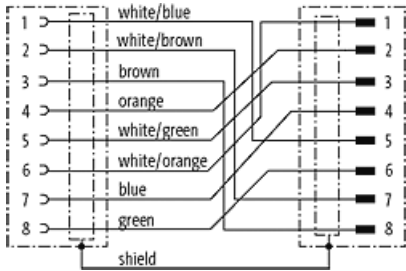
Operating voltage	max. 60 V AC/DC
Operating voltage (only UL listed)	max. 30 V AC/DC
Rated surge voltage	0.8 kV
Operating current per contact	max. 1.76 A
Material group	IEC 60664-1, category I
No. of poles	8

Transfer parameters	CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)
Transfer rate	1 Gbit/s
Coding	M12, A-coded
LED display	no
Locking of ports	Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing
Compression gland	M12 (SW14)
Protection	IP67 (M12) - IP20 (RJ45)
Locking material	Brass, nickel plated
Material	PUR
suitable for corrugated tube (internal Ø)	without

Commercial data

country of origin	DE
customs tariff number	85444290
EAN	4048879763660
eClass	27061801
Packaging unit	1

Sketch



Product may differ from Image