

M12 female recept. D-cod. shielded RM Ethernet

TPE 2x2x24AWG SF/UTP CAT5e bu UL/CSA, CM 1m

Ethernet CAT5

Flange female

M12, 4-pole

D-coded

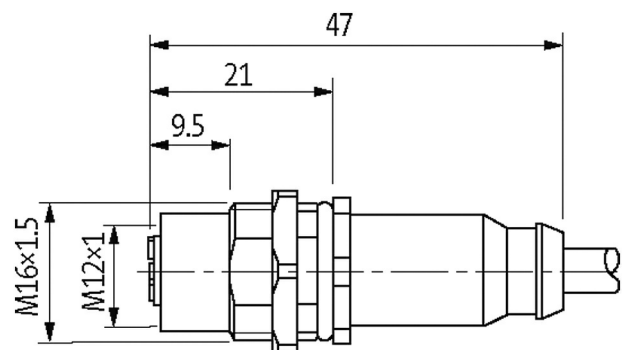
shielded

Rear mounting

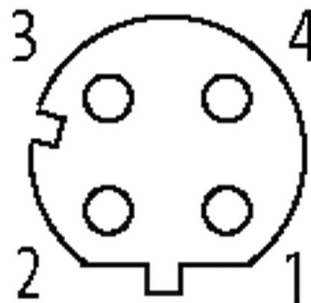
USA

Further cable lengths on request.

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

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

Female



Product may differ from Image

Approvals



More Info



EtherNet/IP

Form

Form 14511

General data

Standards	DIN EN 61076-2-101 (M12)
Mounting method	inserted, tightened
Pollution Degree	3
Temperature range	-25...+85 °C, depending on cable quality

Cables

Cable identification	S4U
Cable weight [g/m]	55,66
Material (wire)	Cu wire, tin plated
Construction (core)	7 × 0.203 mm
Diameter (core)	2 × 2 × 0.25 mm ²
AWG	similar to AWG 24
Material (wire isolation)	HDPE
Wire-Ø incl. isolation	1.22 mm ±5%
Color/numbering of wires	(wh-or, or) + (wh-gn, gn)
Shield	yes
	min. 75%
Material (jacket)	TPE
Outer-Ø (jacket)	6.6 mm ±5%
Nominal voltage	1500 V AC
Temperature range (fixed)	-40...+80 °C
Temperature range (mobile)	-40...+80 °C
Bend radius (moving)	10 × outer Ø
No. of bending cycles (C-track)	max. 1 Mio. (25 °C)
Traversing distance (C-track)	max. 0.6 m
Travel speed (C-track)	max. 1.2 m/s
Acceleration (C-track)	max. 2.4 m/s ²
Torsion stress	max. 3 Mio. (25 °C)
No. of torsion cycles	max. 3 Mio. (25 °C)
Torsion speed	60 cycles/min
No./diameter of wires	2 × 2 × 0.25 mm ²
Wire isolation	HDPE (whor, or, whgn, gn)
C-track properties	1 Mio.
Material (jacket)	TPE (UL/CSA)
Jacket Color	blue
Outer Ø	6.6 mm ±5%
Bend radius (moving)	10 × outer Ø

Temperature range (fixed)	-40...+80 °C
Temperature range (mobile)	-40...+80 °C

Technical Data

Operating voltage	max. 60 V DC
Rated surge voltage	1.5 kV
Operating current per contact	max. 4 A
Material group	IEC 60664-1, category I
No. of poles	4
Configuration	fully used
Transfer parameters	CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)
Transfer rate	up to 100 Mbit/s full duplex
Coding	D-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 inserted and tightened (EN 60529)
Protection NEMA	3, 4, 6P (UL 50E)
Locking material	Brass, nickel plated
suitable for corrugated tube (internal Ø)	10 mm

Commercial data

country of origin	DE
customs tariff number	85444290
EAN	4048879599986
eClass	27279220
Packaging unit	1