

M12 female recept. D-cod. shielded RM Ethernet

TPE 2x2x24AWG SF/UTP CAT5e bu UL/CSA, CM 3m

Ethernet CAT5

Flange female

M12, 4-pole

D-coded

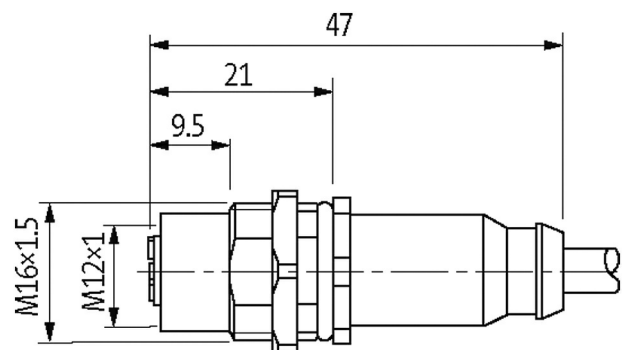
shielded

Rear mounting

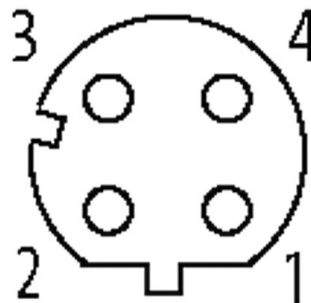
USA

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

Operating voltage	max. 60 V DC
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Rated surge voltage	1.5 kV
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Operating current per contact	max. 4 A
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Material group	IEC 60664-1, category I
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No. of poles	4
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Configuration	fully used
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Transfer parameters	CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)
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Transfer rate	up to 100 Mbit/s full duplex
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Coding	D-coded
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LED display	no
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Locking of ports	Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing
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Compression gland	M12 (SW14)
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Protection	IP67 inserted and tightened (EN 60529)
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Protection NEMA	3, 4, 6P (UL 50E)
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Locking material	Brass, nickel plated
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suitable for corrugated tube (internal Ø)	10 mm
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Commercial data

country of origin	DE
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customs tariff number	85444290
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EAN	4048879600101
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eClass	27279220
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Packaging unit	1
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