

M12 fem. recept. D-cod. RM/RJ45 male 0°

PUR 2x2xAWG22 shielded gn UL/CSA+dragchain 0,7m

Ethernet CAT5

Plastic housings with good resistance against chemicals and oils.

Flange female straight – male straight

M12 – RJ45, 4-pole

D-coded

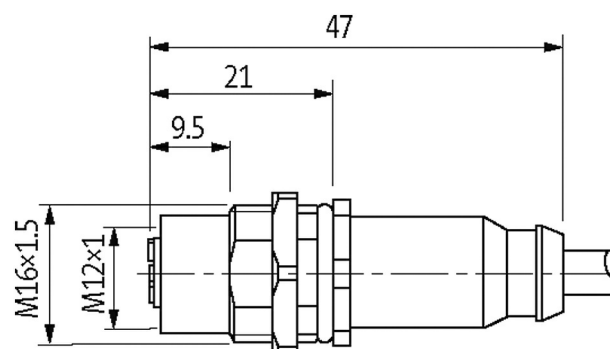
shielded

8-pole partly used

Rear mounting

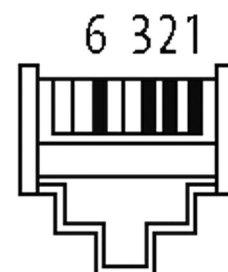
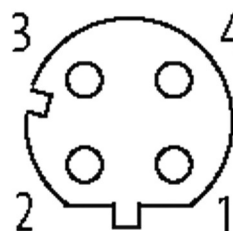
Transmission properties with channel transmission up to 100 m

Further cable lengths on request.

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

Female

Male



Product may differ from Image

Approvals

* only for products with UL/CSA approved cable

More Info

The information in this brochure has been compiled with the utmost care.

Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 11/20

EtherNet/IP

EtherCAT

PROFI
NET**Form**

Form 44851

General data

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

Cables

No./diameter of wires	2× 2× 0.34 mm ²
Wire isolation	PE (wh, ye, bl, or)
C-track properties	3 Mio.
Jacket Color	green
Material (jacket)	PUR (UL/CSA)
Outer Ø	6.7 mm ±5%
Bend radius (moving)	12× outer Ø
Temperature range (fixed)	-40...+80 °C
Temperature range (mobile)	-30...+70 °C
Cable identification	796
Approval (cable)	UL (AWM-Style 20233/11602), CSA; CE
Cable weight [g/m]	69,3
Material (wire)	Cu wire, bare
Resistor (core)	max. 55 Ω/km (20 °C)
Diameter (core)	2× 2× AWG22
Material (wire isolation)	PE
Wire-Ø incl. isolation	1.4 mm ±5%
Color/numbering of wires	wh, ye, bl, or
Shield	yes
	min. 85%
Material (jacket)	PUR
Outer-Ø (jacket)	6.7 mm ±5%
Color (jacket)	green
thermal resistance	flamwidrig nach UL 1581 Section 1060 (FT1), Section 1061 (cable flame), Section 1080 (VW-1) / IEC 60332-1-2
Nominal voltage	300 V
Temperature range (fixed)	-40...+80 °C
Temperature range (mobile)	-30...+70 °C
Bend radius (fixed)	5× outer Ø
Bend radius (moving)	12× outer Ø
No. of bending cycles (C-track)	max. 3 Mio. (25 °C)
Traversing distance (C-track)	max. 5 m (horizontal)
Travel speed (C-track)	max. 3.3 m/s
Acceleration (C-track)	max. 2 m/s ²

Technical Data

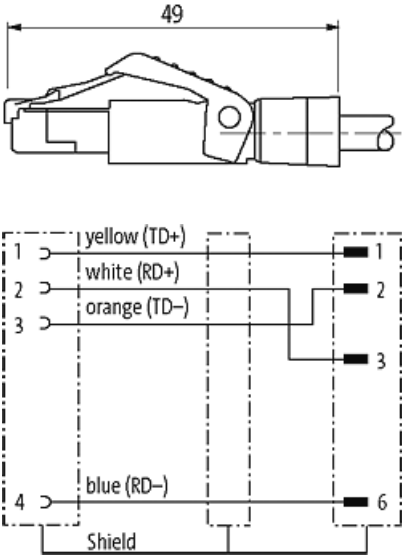
Operating voltage	max. 60 V DC
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Operating voltage (only UL listed)	max. 30 V DC
Rated surge voltage	1.0 kV
Operating current per contact	max. 1.5 A (20 °C)
Material group	IEC 60664-1, category I
Transfer parameters	CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)
Transfer rate	up to 100 Mbit/s full duplex
Coding	M12, D-coded
Locking of ports	Hexagonal nut (M16×1.5 mm)
Compression gland	M16 (SW19)
Protection	IP67 (M12) - IP20 (RJ45)
Protection NEMA	3, 4, 6P (UL 50E) (M12)
Locking material	Brass, nickel plated
Material	PUR
suitable for corrugated tube (internal Ø)	10 mm

Commercial data

country of origin	DE
customs tariff number	85444290
EAN	4048879518697
eClass	27061801
Packaging unit	1

Sketch



Product may differ from Image