

M12 fem. recept. D-cod. RM / RJ45 male 90° up

PUR 2x2xAWG22 shielded gn UL/CSA+dragchain 0,3m

Ethernet CAT5

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

Flange female straight – male 90° on top

M12 – RJ45, 4-pole

D-coded

shielded

8-pole partly used

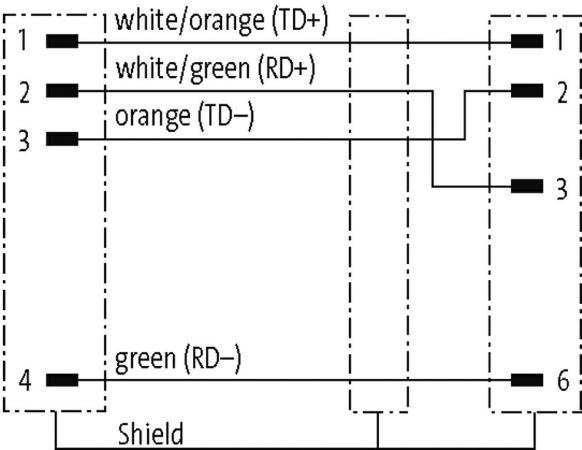
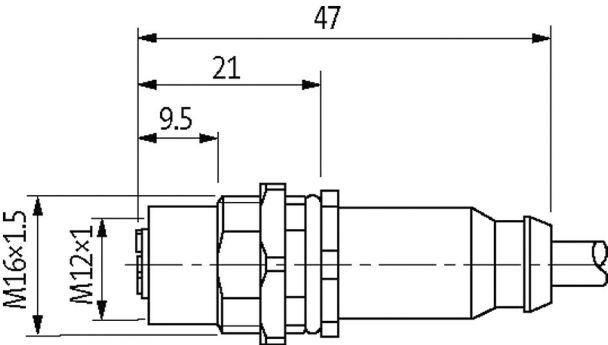
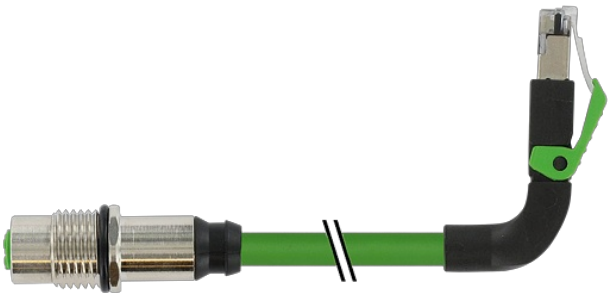
Rear mounting

Further cable lengths on request.

Plastic housings with good resistance against chemicals and oils.

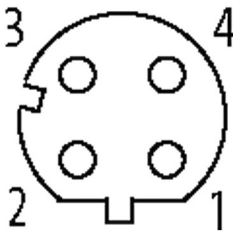
[Link to Product](#)

Illustration



Female

Male



Product may differ from Image

More Info

EtherNet/IP

EtherCAT

PROFI
NET**Form**

Form 44867

General data

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	flammwidrig 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

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	Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing
Compression gland	M12 (SW14)
Protection	IP66K, IP67 (M12) - IP20 (RJ45)
Protection NEMA	3, 4, 6P (UL 50E) (M12)
Locking material	PA
Material	PUR
suitable for corrugated tube (internal Ø)	10 mm
Rated surge voltage	1.0 kV

Commercial data

country of origin	DE
customs tariff number	85444210
EAN	4048879613446
eClass	27061801
Packaging unit	1