

M12 male 0° D-cod. with cable shielded

PUR 1x4xAWG22 shielded gn UL/CSA+drag ch. 20m

Transmission properties with channel transmission up to 100 m

Ethernet CAT5

Cable is approved for 600 V

Male straight

M12, 4-pole

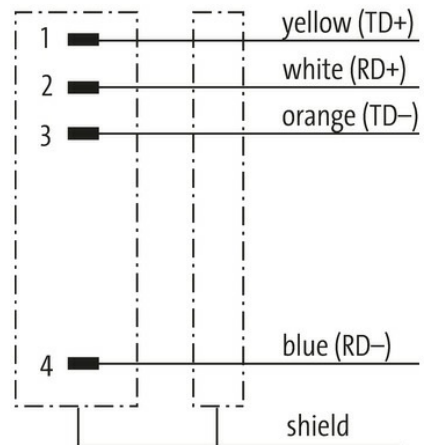
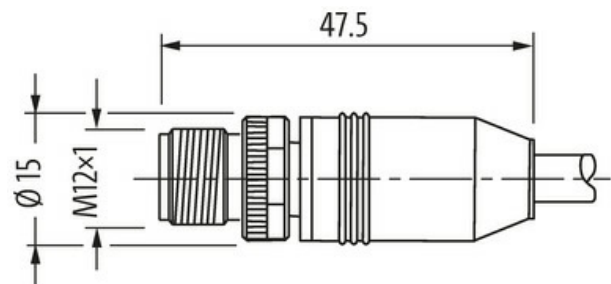
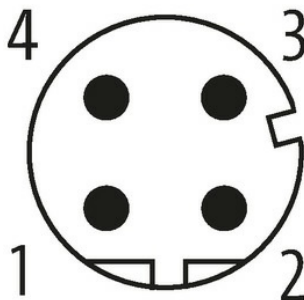
D-coded

shielded

Further cable lengths on request.

Plastic housings with good resistance against chemicals and oils.

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

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

Product may differ from Image



* only for products with UL/CSA approved cable

Form	
Form	14541
Technical Data	
Operating voltage	max. 60 V DC
Operating voltage (only UL listed)	max. 30 V DC
Rated surge voltage	1.5 kV
Operating current per contact	max. 4 A
Transfer parameters	CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)
Transfer rate	up to 100 Mbit/s full duplex
Material group	IEC 60664-1, category I
Coding	D-coded
Locking of ports	Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing
Compression gland	M12 (SW13)
Protection	IP65, IP66K, IP67 inserted and tightened (EN 60529)
Material	PUR
Locking material	Zinc die casting, matte nickel plated
suitable for corrugated tube (internal Ø)	without
General data	
Standards	DIN EN 61076-2-101 (M12)
Pollution Degree	3
Temperature range	-25...+85 °C, depending on cable quality
Cables	
Cable identification	659
Approval (cable)	UL (AWM-Style 20234/10988), CSA; CE
Cable weight [g/m]	89,1 g
Material (wire)	Cu wire, bare
Resistor (core)	max. 55 Ω/km (20 °C)
Diameter (core)	1 × 4 × AWG22/7
AWG	similar to AWG 22
Material (wire isolation)	PE
Wire-Ø incl. isolation	1.4 mm ±5%
Color/numbering of wires	wh, ye, bl, or
Shield	yes
optical shield cover	min. 85%
Material (jacket)	PUR
Outer-Ø (jacket)	7.4 mm ±5%
Color (jacket)	green
chemical resistance	good resistance to oil, gasoline and chemicals
thermal resistance	flame retardant
Nominal voltage	600 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. 2 Mio. (25 °C)
Travel speed (C-track)	max. 3.3 m/s
Acceleration (C-track)	max. 2 m/s ²
Commercial data	
country of origin	DE

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: 03/22

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