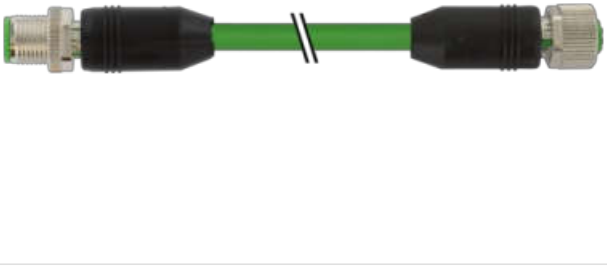
M12 male 0° / M12 female 0° D-cod. shielded

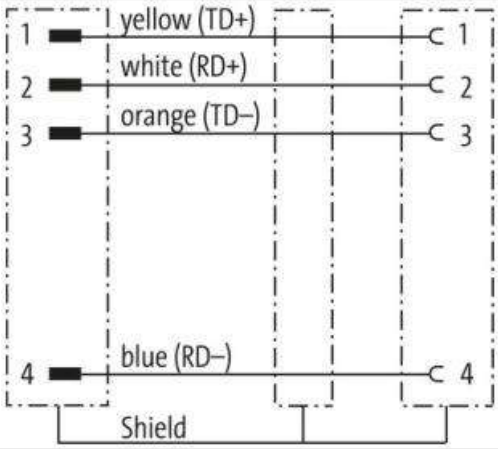
PVC 1x4xAWG22 shielded gn UL/CSA+drag ch. 5.7m

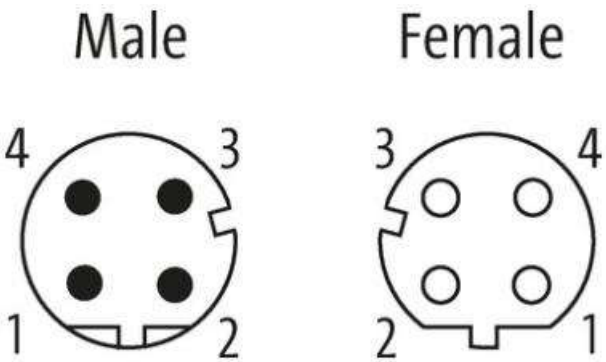
Ethernet CAT5
Male straight – female straight
M12 – M12, 4-pole
D-coded
shielded
Further cable lengths on request.
Plastic housings with good resistance against chemicals and oils.
The resistance to aggressive media should be individually tested for your application. Further details on request.

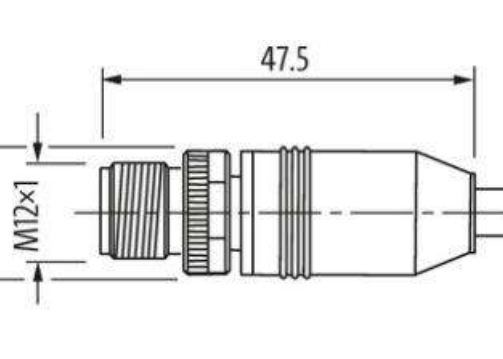
Link to Product

Illustration



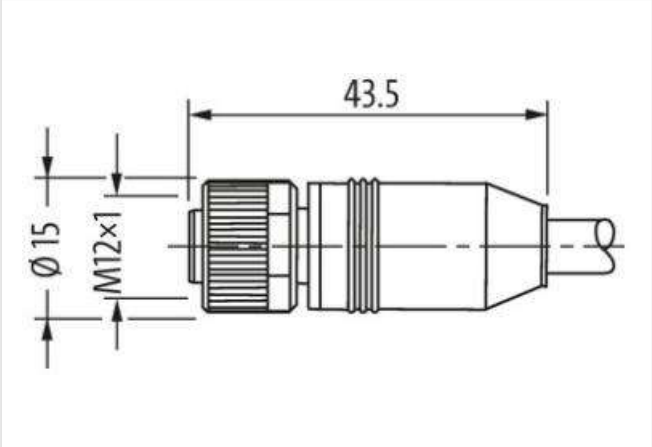






The information in this brochure has been compiled with the utmost care.
Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2023-03-17

MURR ELEKTRONIK
stay connected



Product may differ from Image

Form	
Form	44571
Technical Data	
Operating voltage	max. 60 V DC
Rated surge voltage	1.5 kV
Operating current per contact	max. 1.5 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	M12, D-coded
Locking of ports	Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing
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
Compression gland	M12 (SW13)
General data	
Standards	DIN EN 61076-2-101 (M12)
Pollution Degree	3
Temperature range	-25...+85 °C, depending on cable quality
Cables	
Cable identification	800
Approval (cable)	UL (AWM-Style 2571/10578), CSA; CE conform; PROFINET Guideline
Cable weight [g/m]	73,7 g
Material wire	Cu wire, bare
Resistor (core)	max. 55 Ω/km (20 °C)
Construction (core)	7× 0.254 mm
Diameter (core)	1× 4× AWG22/7
AWG	similar to AWG 22

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: 2023-03-17

Material wire isolation	PE
Shore hardness (wire isolation)	55 ±5 D
Wire-Ø incl. isolation	1.52 mm ±5%
Color/numbering of wires	wh, ye, bl, or
Shield	yes
Shield (Type)	Copper braid
optical shield cover	min. 85%
Material jacket	PVC
Shore hardness (jacket)	85 ±5 A
Outer-Ø (jacket)	6.5 mm ±5%
Color (jacket)	green
chemical resistance	Oil resistance IEC 60811-2-1, ASTM Öle 1, ICEA S-82-552 Std.
thermal resistance	flammwidrig nach UL 1581 Section 1060 (FT1), Section 1061 (cable flame), IEC 60332-1-2
Nominal voltage	300 V AC
Test voltage	2000 V AC (test duration 1 min)
Temperature range (fixed)	-30...+80 °C
Temperature range (mobile)	-10...+70 °C
Bend radius (fixed)	5× outer Ø
Bend radius (moving)	15× 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

Product article number of manufacturer	7000-44571-8000570
Cable length	5,7 m

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: 2023-03-17