MURR ELEKTRONIK
stay connected

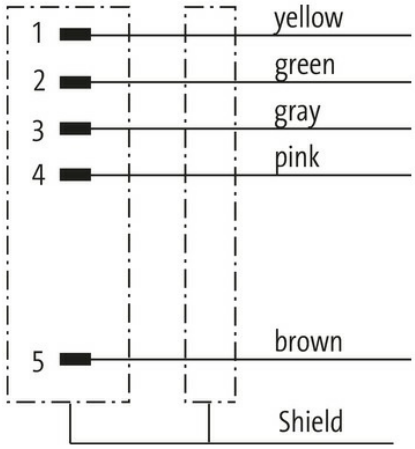
M12 male 0° B-cod. with cable shielded

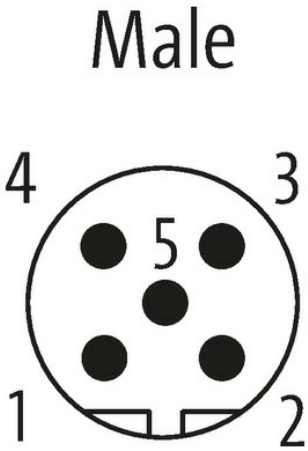
PUR 3x2x0.25 shielded vt 5m

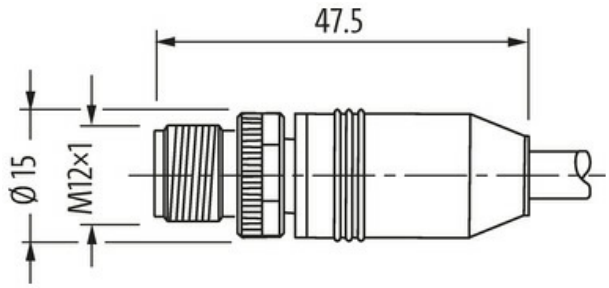
Interbus
Male straight
M12, 5-pole
B-coded
shielded
Further cable lengths on request.
Plastic housings with good resistance against chemicals and oils.
The resistance to aggressive media should be individually tested for your application. Further details on request.

Link to Product

Illustration







Product may differ from Image

Form

Form	14241

Technical Data

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Operating voltage	max. 60 V AC/DC
Rated surge voltage	1.5 kV
Operating current per contact	max. 4 A
No. of poles	5
Material group	IEC 60664-1, category I
Coding	B-coded
Locking of ports	Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing
Compression gland	M12 (SW13)
Protection	IP67 inserted and tightened (EN 60529)
Locking material	Zinc die casting, matte nickel plated
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	3× (2× AWG24)
Wire isolation	PE (whbr, grpk, gnye)
C-track properties	2 Mio.
Outer Ø	7.7 mm ±5%
Cable identification	799
Approval (cable)	Interbus (DIN 19258/EN50254/IEC 61158 conform)
Cable weight [g/m]	76,49 g
Material (wire)	Cu wire, bare
Resistor (core)	max. 96 Ω/km (20°C)
Single wire Ø (core)	0.1 mm
Construction (core)	32× 0.1 mm (multi-strand wire class 6)
Diameter (core)	3× (2× AWG24)
AWG	similar to AWG 24
Material (wire isolation)	PE
Shore hardness (wire isolation)	55 ±5 D
Wire-Ø incl. isolation	1.4 mm ±5%
Color/numbering of wires	(wh, br) + (gr, pk) + (gn, ye)
Shield	yes
optical shield cover	min. 85%
Material (jacket)	PUR
Material property (jacket)	CFC-, halogen- and cadmium-free, matt, low-adhesion, machine easy to process, abrasion-resistant
Shore hardness (jacket)	85 ±5 A
Outer-Ø (jacket)	7.7 mm ±5%
Color (jacket)	violet
Jacket Color	violet
chemical resistance	good resistance to oil, gasoline and chemicals (VDE 0472 Teil 803/VDE 0249)
Nominal voltage	250 V AC
Test voltage	1500 V (wire/wire); 1000 V (wire/shield)
Temperature range (fixed)	-40...+70 °C
Temperature range (fixed)	-40...+80 °C
Temperature range (mobile)	-30...+70 °C
Temperature range (mobile)	-30...+70 °C
Bend radius (fixed)	6× outer Ø
Bend radius (moving)	15× 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 m/s
Acceleration (C-track)	max. 3 m/s²

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Material (jacket)	PUR
Commercial data	
country of origin	DE
customs tariff number	85444290
EAN	4048879294508
eClass	27061801
Packaging unit	1.000

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