

M12 male 90°/ M12 female 90° B-cod. shielded

PUR 3x2x0.25 shielded vt 1m

Interbus

Male 90° – female 90°

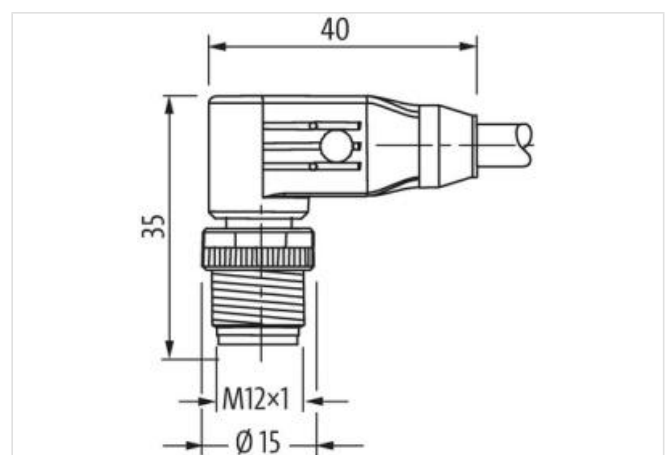
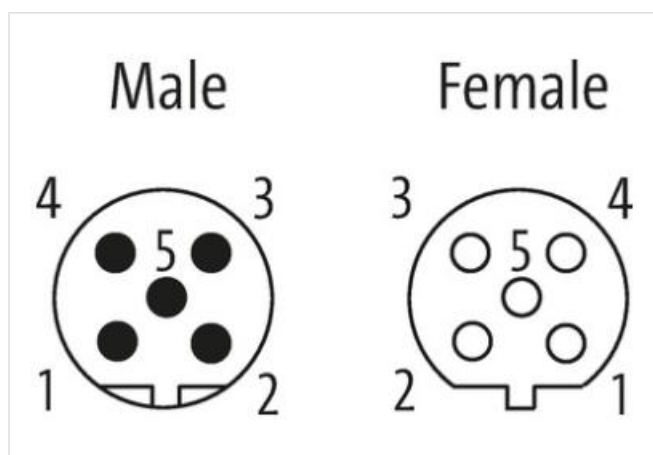
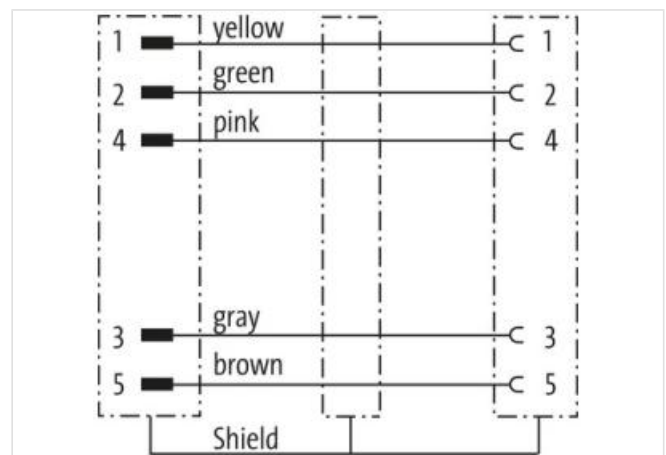
M12 – M12, 5-pole

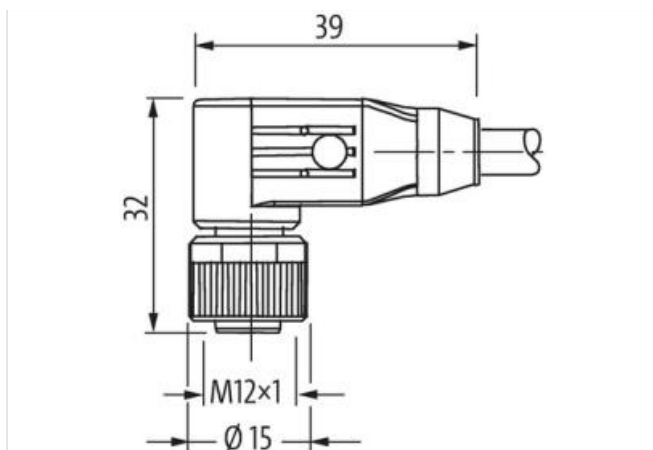
shielded

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 44061

Technical Data

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
Protection	IP65 and IP67 when plugged and screwed down (EN 60529)
Locking material	Zinc die casting, matte nickel plated
Compression gland	M12 (SW13)

General data

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
Shield (Type)	Copper braid
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
Material (jacket)	PUR
Product article number of manufacturer	7000-44061-7990100
Cable length	1 m