

M12 female 0° B-cod. with cable shielded

PUR 3x2x0.25 shielded vt 10m

Interbus Female straight M12, 5-pole B-coded shielded

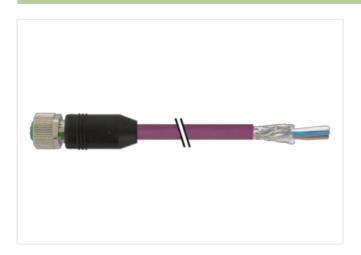
Further cable lengths on request.

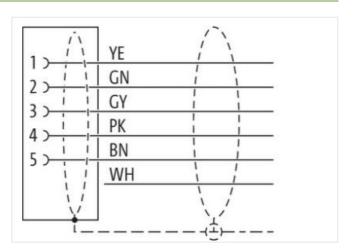
Plastic housings with good resistance against chemicals and oils.

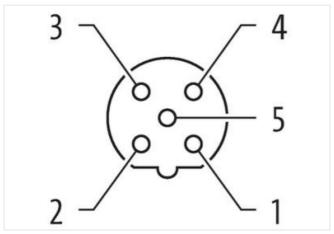
The resistance to aggressive media should be individually tested for your application. Further details on request.

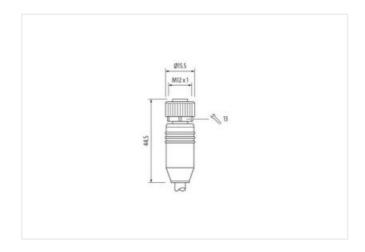
Link to Product

Illustration









Product may differ from Image









Cable length

10 m

Side 1



Family construction form M12 x 1 Coding B Material PUR Material PUR No. of poles 5 Width accoss flats SW13 Degree of protection (FN IEC 60529) 1P67 Commercial data ECLASS-6.0 27061801 ECLASS-6.0 27061801 ECLASS-8.0 27060307 ECLASS-7.0 27060307 ECLASS-7.0 27060307 ECLASS-8.1 27060307 ECLASS-8.0 27060307 ECLASS-1.0 27060307 EC	Tightening torque	0,6 Nm
Thread	Mounting method	inserted, screwed
Section Sect	Family construction form	M12
Material PUR	Thread	M12 x 1
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endangered by excessive bending forces. Installation Cable	Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
	Note on bending radius	
Cable identification 799	Installation Cable	
	Cable identification	799



stay connected

Jacket Color	violet
Amount stranding	3
Stranding	2 wires twisted
Amount stranding (type 2)	1
Stranding (type 2)	3 Stranded joints with 3 Filler twisted
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	85 %
Banding	Fleece
Filler	yes
wire arrangement	(white, brown), (gray, pink), (green, yellow)
Traversing distance (C-track)	5 m @ 25 °C
Cable weigth	76,49 g/m
Material jacket	PUR
Shore hardness jacket	85 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	7,7 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PE
Amount wires	6
Outer diameter insulation	1,4 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	55 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free
Amount strands (wire)	32
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,25 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Nominal voltage AC max.	125 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	3,2 A
Characteristic impedance	100 Ω ± 15 % @ 1 MHz
Electrical resistance line constant wire	79,5 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	1,5 kV @ 60 s
Electrical capacity line constant (wire - wire)	60000 pF/km
Power frequency withstand voltage (wire - jacket)	1,5 kV @ 60 s
AC withstand voltage (wire - shield)	1,5 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-30 °C
Operating temperature max. (dynamic)	70 °C
Flame resistance	IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (fixed)	6 x Outer diameter
Bending radius (dynamic)	12 x Outer diameter
Travel speed (C-track)	2 Mio. @ 25 °C