

M12 female 0° B-cod. with cable shielded

PUR 1x2xAWG24 shielded vt UL/CSA+drag ch. 50m

Art.No.: 7000-14061-8405000 Weight: 4.368 Country of origin: CZ Model designation: MSBBL0-F840 50.0-ZS

Advantages of our connectors:

Our connectors are versatile and specially optimised for industrial environments. All connectors are 100% tested during the manufacturing process to ensure the highest quality and reliability.

The contacts are gold-plated, which ensures optimum conductivity. Thanks to the high degree of protection, the connectors are ideal for demanding industrial environments. They are also vibration-resistant - this is ensured by the union nut with vibration protection.

Our connectors are resistant to oils and cooling lubricants, but resistance to aggressive media should be tested for each specific application. Different cable lengths available on request

If you are missing technical information? Please feel free to use our dictionary to find more technical details.

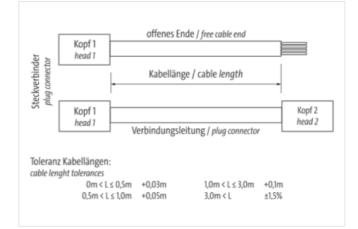
Product details: PROFIBUS Female straight M12, 2-pole **B-coded** shielded Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

Further cable lengths on request.

Link to Product

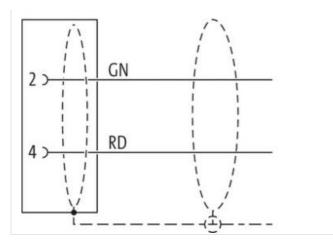
Illustration

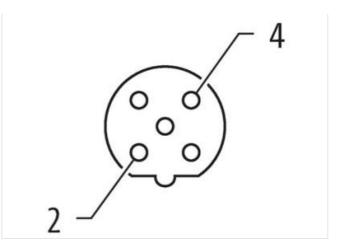


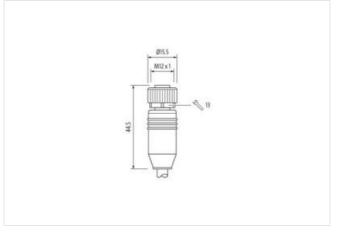


The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2025-05-11









Product may differ from Image



Cable length	50 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
Cable outlet	straight
Coding	В
Material contact	Copper alloy
Material	PUR
No. of poles	2
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Stripping length (jacket)	20 mm
Family construction form	free cable end
Commercial data	

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Conformity

Product standard	DIN EN 61076-2-101 (M12)	
Installation Cable		
wire arrangement	red, green	
Cable identification	840	
Function cable	Data	
Jacket Color	violet	
Type of Certificate	cURus	
Amount stranding	1	
Stranding	2 wires twisted	
Cable shielding (type)	copper braid, tinned	
Cable shielding (coverage)	70 %	
Banding	Fleece. Foil	
	•	
wire arrangement Cable weigth	red, green	
	82,5 g/m PUR	
Material jacket		
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free	
Outer-diameter (jacket)	7,8 mm	
Tolerance outer diameter (sheath)	±5%	
Material inner jacket	TPE-V	
Color (inner jacket)	white	
Material wire insulation	cell polyethylene	
Amount wires	2	
Outer diameter insulation	2,55 mm	
Outer diameter tolerance core insulation	±5%	
Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free	
Amount strands (wire)	19	
Diameter of single wires	36 AWG	
Conductor crosssection (wire)	24 AWG	
Material conductor wire	Stranded copper wire, bare	
Nominal voltage AC max.	250 V	
Current load capacity (standard)	to DIN VDE 0298-4	
Current load capacity min. wire	3 A	
Characteristic impedance	150 Ω ± 10 % @ 1 MHz	
Electrical resistance line constant wire	78 Ω/km @ 20 °C	
AC withstand voltage (wire - wire)	1 kV @ 60 s	
Electrical capacity line constant (wire - wire) 30000 pF/km		
Power frequency withstand voltage (wire - jacket)	1 kV @ 60 s	
AC withstand voltage (wire - shield)	1 kV @ 60 s	
Min. operating temperature (static)	-40 °C	
Max. operating temperature (fixed)	80 °C	
Operating temperature min. (dynamic)	-20 °C	
Operating temperature max. (dynamic)	60 °C	
Flame resistance	UL 1581 § 1100 FT2 IEC 60332-2-2 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)	10 x Outer diameter	
Bending radius (dynamic)	12 x Outer diameter	
No. of bending cycles (C-track)	5 Mio. @ 25 °C	
Traversing distance (C-track)	5 m @ 25 °C horizontal	
Travel speed (C-track)	3 m/s @ 25 °C	

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