

## M12 male 90° / M8 female 0° A-cod.

PUR 3x0.25 bk UL/CSA 0.6m

Male 90° - female straight

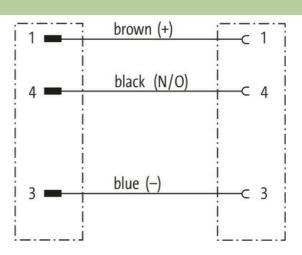
M12 - M8, 3-pole

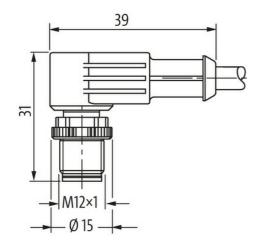
Plastic housings with good resistance against chemicals and oils.

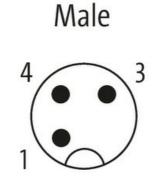
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

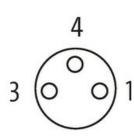
## **Link to Product**

## Illustration

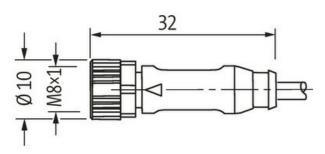








**Female** 



Product may differ from Image













\* only for products with UL/CSA approved cable

Form		
Form	40661	
Technical Data		
Operating voltage	max. 250 V AC/DC	
Rated surge voltage	1.5 kV	
Operating current per contact	max. 4 A	
Locking of ports	Screw thread (M8/M12×1 mm) recommended torque 0.4/0.6 Nm, self-securing	
Protection	IP66K, IP67 inserted and tightened (EN 60529)	
General data		
Temperature range	-25+85 °C, depending on cable quality	
Cables		
Cable identification	620	
Cable Type	2 (PUR/PVC)	
Approval (cable)	UL (AWM-Style 20549/1731), CSA; CE conform	
Cable weight [g/m]	26,62 g	
Material (wire)	Cu wire, bare	
Resistor (core)	max. 79 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× 0.25 mm <sup>2</sup>	
AWG	similar to AWG 24	
Material (wire isolation)	PVC	
Material property (wire isolation)	CFC-, cadmium-, silicone- and lead-free	
Shore hardness (wire isolation)	43 ±5 D	
Wire-Ø incl. isolation	1.25 mm ±5%	
Color/numbering of wires	br, bk, bl	
Stranding combination	3 wires twisted	
Shield	no	
Material (jacket)	PUR	
Material property (jacket)	CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, hydrolysis and microbial resistant	
Shore hardness (jacket)	85 ±5 A	
Outer-Ø (jacket)	4.3 mm ±5%	
Color (jacket)	black	
chemical resistance	good resistance to oil, gasoline and chemicals	
Nominal voltage	UL 300 V AC	
Test voltage	2000 V AC	
Current load capacity	to DIN VDE 0298-4	
Temperature range (fixed)	-30+80 °C	
Temperature range (mobile)	-5+80 °C	
Bend radius (fixed)	10× 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. 5 m/s²	
Commercial data		
country of origin	DE	
customs tariff number	85444290	

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: 03/22



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