

M12 female 0° A-cod. with cable

PUR 3x0.34 bk UL/CSA 10m

⚠ NOTICE ⚠ PRODUCT IS DISCONTINUED. PLEASE HAVE A LOOK AT THE ALTERNATIVE PRODUCTS.

Female straight

M12, 4-pole

Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

with cable sleeves

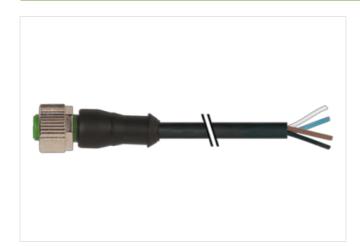
Plastic housings with good resistance against chemicals and oils.

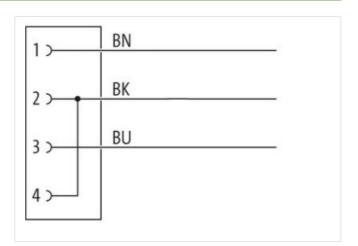
The resistance to aggressive media should be individually tested for your application. Further details on request.

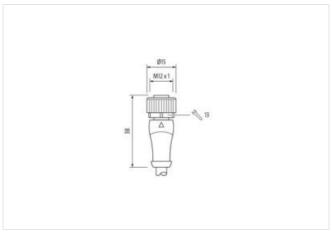
Further cable lengths on request.

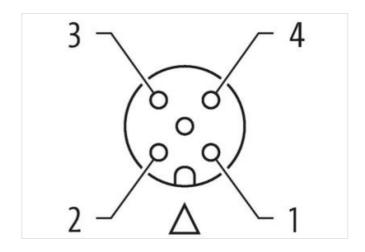
Link to Product

Illustration









Product may differ from Image















stay connected

Mounting method	Cable length	10 m
Mounting method Inserted, screwed	Side 1	
Ceating contract of the Control of t	Tightening torque	0,6 Nm
Family construction form M12 Thread M12 x 1 M12 x 1 M12 x 1 M13 x 1 M14 x 1 Mariant controlled two (reternal O) 10 mm Cooling A Material Contact Cooper alloy Material PUR Motin pload 4 With across data Surviva A Solid 2 Stripping length (picket) 20 mm Coaling contact gold plated Commercial data ECLASS-8.0 27279218 ECLASS-8.1 22779218 ECLASS-8.1 22779218 ECLASS-8.0 2779218 ECLASS-9.0 2779218 ECLASS-9.0 3790311 ECLASS-9.0 3	Mounting method	inserted, screwed
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Section Sect	Family construction form	
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Material gasket FKM	Coating locking	
	Coating of fitting	·
Locking material Zinc die-casting	Material gasket	
	Locking material	Zinc die-casting

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: 2024-04-24



Material screw connection	Zinc die-casting
Mechanical data Mounting data	
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics Climatic	
Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
Conformity	
Product standard	DIN EN 61076-2-101 (M12)
Cable	DIVERSIONS FINE (WILE)
Cable identification	623
Cable Type	2 (PUR/PVC)
Approval (cable)	UL (AWM-Style 20549/1731), CSA; CE conform
Cable weight [g/m]	35,97 g
Material wire	Cu wire, bare
Resistor (core)	max. 57 Ω/km (20 °C)
Single wire Ø (core)	0.1 mm
Construction (core)	42× 0.1 mm (multi-strand wire class 6)
Diameter (core)	3× 0.34 mm²
AWG	similar to AWG 22
Material wire isolation	PVC
Material property wire insulation	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	black similar to RAL 9005
Stranding combination	3 wires twisted
Shield	no
Material jacket	PUR/PVC
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	80 ±5 A (PVC-under jacket); 85 ±5 A (PUR-jacket)
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
Bending radius (fixed)	10× outer Ø
Bending radius (dynamic)	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