

M12 female 90° A-cod. with cable

PUR 5x0.34 bk UL/CSA 1m

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

Female 90°

M12, 5-pole

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

with cable sleeves

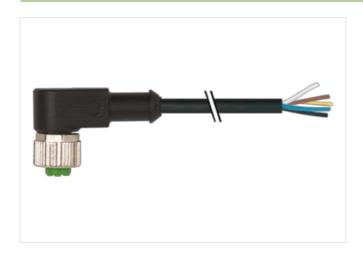
Plastic housings with good resistance against chemicals and oils.

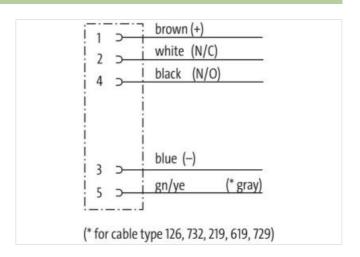
The resistance to aggressive media should be individually tested for your application. Further details on request.

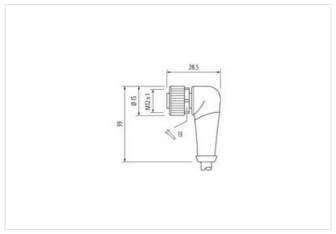
Further cable lengths on request.

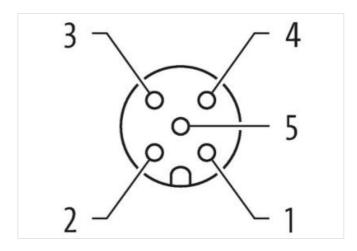
Link to Product

Illustration









Product may differ from Image















stay connected

Mounting method menthod, sorewed	Cable length	1 m
	Side 1	
Family construction from M12 https://www.march.com/march	Tightening torque	0,6 Nm
Thread	Mounting method	inserted, screwed
cooling A Cooling A Makerial PUR Width across flats SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Commercial data ECLASS A.0 27279218 ECLASS A.0 27279218 ECLASS A.0 27279218 ECLASS A.0 27279218 ECLASS B.0.1 2700311 ECLASS B.0.2 2700311 ECLASS B.1.1 2700311 ECLASS B.1.2 2700311 ECLASS B.1.2.0 2706311 ECLASS H.2.0 2706311 ECLASS H.2.0 2706311 ECLASS H.2.0 2706311 ECLASS H.2.1 2706311 ECLASS H.2.0 2706311 ECLASS H.2.0 2706311 ECLASS H.2.0 2706311 ECLASS H.2.0 2706311 ECLASS H.2.1 2706011 ECLASS H.2.1 2706011 ECLASS H.2.1 27070611 ECLASS H.2.2 2706311 ECLASS H.2.2	Family construction form	M12
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	Conformity	
Cable	Product standard	DIN EN 61076-2-101 (M12)
	Cable	

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: 2024-05-20



Cable identification	625
Cable Type	2 (PUR/PVC)
Approval (cable)	UL (AWM-Style 20549/1731), CSA; CE conform
Cable weight [g/m]	54,78 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)	5× 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	br, bk, bl, wh, gnye longitudinally striped
Stranding combination	5 wires twisted around central filler
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)	5.0 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/s ²