

## M12 male 90° A-cod. with cable

PVC 3x0.34 bk UL/CSA 3m

Male 90° M12, 3-pole with cable sleeves

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

Plastic housings with good resistance against chemicals and oils.

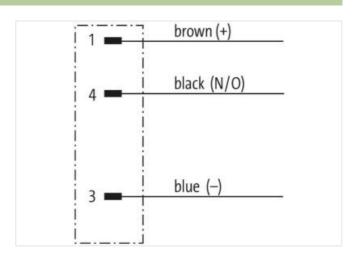
The resistance to aggressive media should be individually tested for your application. Further details on request.

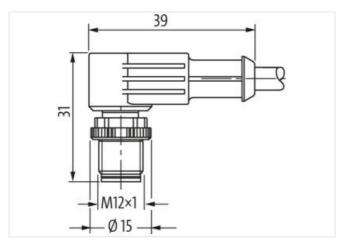
Further cable lengths on request.

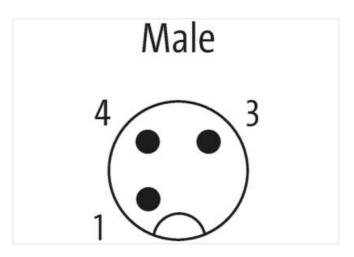
## **Link to Product**

## Illustration









Product may differ from Image













Cable length

3 m

Side 1



0,6 Nm Tightening torque head 1 Mounting method inserted, screwed Family form head 1 M12 Thread M12 x 1 Inner diameter contour for corrugated hose 10 mm head 1 Coding head 1 Α Material head 1 PUR Width across flats head 1 SW13 IP65, IP66K, IP67 Degree of protection (EN IEC 60529) Side 2 Stripping length (jacket) 20 mm Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 FCLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879216180 Packaging unit Electrical data | Supply Operating voltage AC (UL-listed) 30 V Operating voltage AC max. 250 V Operating voltage DC (UL-listed) 30 V Operating voltage DC max. 250 V Current operating per contact max. 4 A Installation | Connection Stripping length (jacket) 20 mm M12 x 1 Mounting set Device protection | Electrical Rated surge voltage 2,5 kV Material group (IEC 60664-1) Т Protection degree additional condition inserted, screwed Pollution Degree 3 Mechanical data | Material data Coating locking Nickeled Coating of fitting nickel plated Zinc die-casting Locking material Zinc die-casting Mechanical data | Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics | Climatic -5 °C Operating temperature min. (dynamic) -25 °C Min. operating temperature (static) 80 °C Operating temperature max. (dynamic) 80 °C Max. operating temperature (fixed)

Conformities, approvals, certificates

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: 2023-10-05



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Cable	
Cable identification	613
Cable Type	1 (PVC)
Approval (cable)	UL (AWM-Style 2464/1731), CSA
Cable weight [g/m]	34,1 g
Material wire	Cu wire, bare
Resistor (core)	max. 60 Ω/km (20 °C)
Single wire Ø (core)	0.15 mm
Construction (core)	19× 0.15 mm (multi-strand wire class 5)
AWG	similar to AWG 22
Material wire isolation	PVC
Material property wire insulation	CFC-, cadmium-, silicone- and lead-free
Shore hardness wire isolation	45 ±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	PVC
Material property (jacket)	CFC-, cadmium-, silicone- and lead-free
Shore hardness jacket	85 ±5 A
Outer-Ø (jacket)	4.6 mm ±5%
Color jacket	black
chemical resistance	good resistance to oil, gasoline and chemicals
thermal resistance	flame retardant UL 1581 VW1 / CSA FT1
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)	5× outer Ø
Bend radius (moving)	10× outer Ø