

M12 female 90° A-cod. with cable

PUR 4x0.34 gy UL/CSA 35m

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

Female 90°

M12, 4-pole

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

with cable sleeves

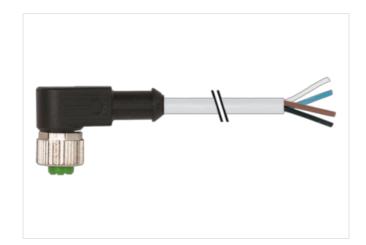
Plastic housings with good resistance against chemicals and oils.

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

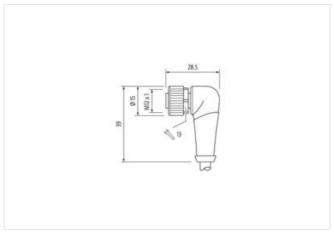
Further cable lengths on request.

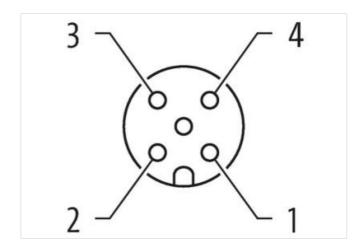
Link to Product

Illustration









Product may differ from Image















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Tightening longue 0.6 Nm Mounting method insented, serveved Souring pontant gold plated Family construction form M12 Tread ME2 I Design A. Souring Contract Copper alloy Authorition of Compated furbe (informal O) 10 mm Solid 2 UPIR Width across fitts SW13 Solid 2 SW19 Collision context Opper alloy Collaboration (EN IEC 60529) D mm Collaboration (EN IEC 60529)	Cable length	35 m
	Side 1	
Casting contact	Tightening torque	0,6 Nm
Family construction form M12 Thread M12 x 1 Joining M12 x 1 Joining A M2 A M4 Aderial contact Cooperality Material PUR Material PUR Material PUR Material PUR Site 2 Stripping length (facket) 20 mm Conting contact Give (Ex IEC 60529) Site 2 Stripping length (facket) 20 mm Commercial data Copper allay Commercial data CLASS-6.0 2779218 CLASS-6.0 2779218 CLASS-6.1 2779218 CLASS-6.0 2779218 CLASS-6.0 2779218 CLASS-8.0 2709311 CLASS-8.0 2709311 CLASS-8.0 2709311 CLASS-8.0 2709311 CLASS-8.0 2709311 CLASS-1.1 2709311 CLASS-1.1 2709311 CLASS-1.1 2709311 CLASS-1.2 2709318 CLASS-1.3 2709311 CLASS-1.3 2709311 CLASS-1.4 2709311 CLASS-1.5 20 2009311 CLASS-1.5 2009311 CLASS-1.5 20 2009311 CLASS-1.5 2009311 CLASS-	Mounting method	inserted, screwed
Mile	Coating contact	gold plated
Mile	Family construction form	
A	Thread	M12 x 1
A	suitable for corrugated tube (internal Ø)	10 mm
Material contact Copper alloy Valaterial PUR Width across flats SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 2 Side 2 Sirpiping length (lacket) 20 mm Coating contact gold plated Material contact Copper alloy CCLASS 6.0 27279218 CCLASS 6.1 27279218 CCLASS 7.0 27279218 CCLASS 7.0 27279218 CCLASS 9.0 27060311 CCLASS 9.0 27060311 CCLASS 1.1 27060311 CCLASS 1.1.1 27060311 CCLASS 1.2.0 27060311 CCLASS 1.1.1 27060311 CCLASS 1.1.1 4046879423944 Packaging unit 1 Electrical data Supply Operating voltage AC max. 250 V Operating voltage AC max. 250 V Operating voltage AC (UL-listed) 30 V Operating voltage DC max. 250 V Operating voltage act max. 4 A	Coding	A
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Degree of protection (EN IEC 60529) IP65, IP66K, IP67	Material	
Degree of protection (EN IEC 60529) IP65, IP66K, IP67	Width across flats	SW13
Side 2 Stripping length (lacken) 20 mm Coating contact gold plated Valuation contact Copper alloy Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-9.0 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-13.1 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 STIN 4046879423984 Packaging unit 1 Electrical data Supply Operating voltage AC max. 250 V Operating voltage AC max. 250 V Operating voltage AC (ILL-listed) 30 V <t< td=""><td>Degree of protection (EN IEC 60529)</td><td>IP65, IP66K, IP67</td></t<>	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Stripping length (jacket)	Side 2	
Coating contact Gold plated	Stripping length (jacket)	20 mm
Material contact Copper alloy		
Commercial data		
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Locking material Zinc die-casting Material screw connection Zinc die-casting		
Material screw connection Zinc die-casting		
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Mechanical data Mounting data	Material screw connection	Zinc die-casting
	Mechanical data Mounting data	



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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	
Cable identification	224
Cable Type	2 (PUR/PVC)
Approval (cable)	UL (AWM-Style 20549/1731), CSA; CE conform
Cable weight [g/m]	42,68 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)	4× 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
Stranding combination	4 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)	4.6 mm ±5%
Color jacket	gray
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