

M12 female 90° A-cod. with cable

PUR 4x0.34 gy UL/CSA 30m

⚠ 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

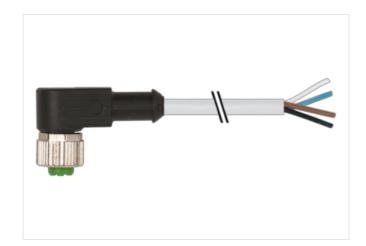
with cable sleeves

Plastic housings with good resistance against chemicals and oils.

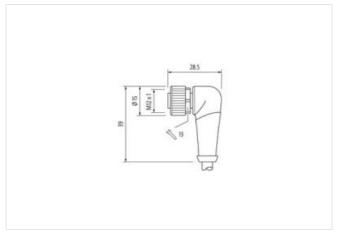
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

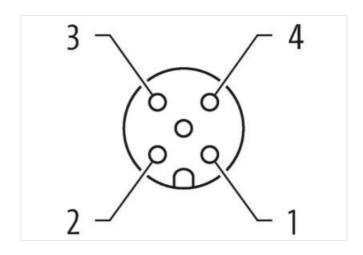
Link to Product

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 Joint J	Cable length	30 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	Mounting method	inserted, screwed
Mile	Coating contact	gold plated
Description	Family construction form	M12
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 (jacket) 20 mm Coating contact gold plated Material contact Copper alloy Commercial data Commercial data ECLASS 6.0 27279218 ECLASS 7.0 27279218 ECLASS 7.0 27279218 ECLASS 9.0 27060311 ECLASS 9.0 27060311 ECLASS 1.1 27060311 ECLASS 1.2.0 27060311 ECLASS 1.1.1 27060311 ECLASS 1.2.0 27060311 ECLASS 1.1.1 27060311 ECLASS 1.1.1 4048679207058 2-ackaging unit 1 Electrical data Supply Operating voltage AC max. 250 V Operating voltage AC max. 250 V Operating voltage AC max. 250 V Operating voltage DC max. 20 mm <	Coding	A
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Coating contact Gold plated	Side 2	
Coating contact Gold plated	Stripping length (jacket)	20 mm
Material contact Copper alloy		
Commercial data		
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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
Important installation notes	
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be
Note on bending radius	endangered by excessive bending forces.
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	
Material jacket	no PUR/PVC
iviateriai jacket	
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