

M12 male 0° / M12 female 90° A-cod.

PUR 3x0.34 ye UL/CSA 1m

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

Male straight - female 90°

M12 - M12, 3-pole

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

Plastic housings with good resistance against chemicals and oils.

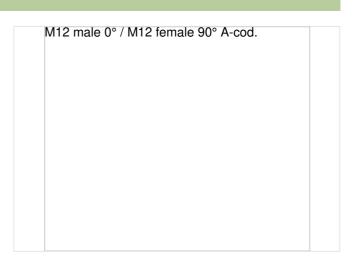
The resistance to aggressive media should be individually tested for your application. Further details on request.

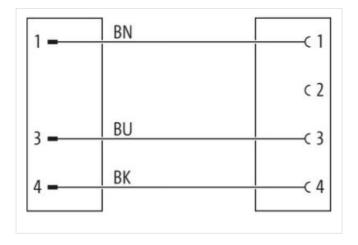
Further cable lengths on request.

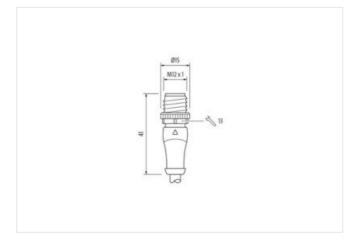
Link to Product

Illustration



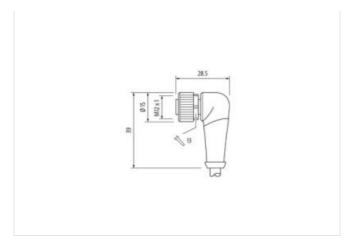


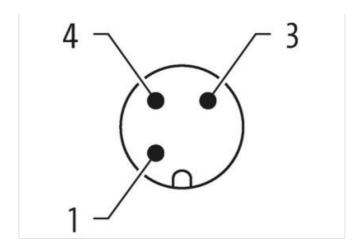






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Product may differ from Image



Cable length











Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Coding	A
Material	PUR
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Coding	A
Material	PUR
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Commercial data	
ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-7.0	27279218
ECLASS-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	4048879179904

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: 2024-05-21



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Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	250 V
Operating voltage DC max.	250 V
Operating voltage AC (UL-listed)	30 V
Operating voltage DC (UL-listed)	30 V
Current operating per contact max.	4 A
Installation Connection	
Mounting set	M12 x 1
Device protection Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	2,5 kV
Material group (IEC 60664-1)	
Mechanical data Material data	
Coating locking	Nickeled
Coating of fitting	nickel plated
Locking material	Zinc die-casting
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
operating temperature max.	65 6
Additional condition temperature range	depending on cable quality
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Additional condition temperature range Conformity	depending on cable quality
Additional condition temperature range Conformity Product standard Cable	depending on cable quality DIN EN 61076-2-101 (M12)
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Additional condition temperature range Conformity Product standard Cable Cable identification Cable Type Approval (cable) Cable weight [g/m] Material wire	depending on cable quality DIN EN 61076-2-101 (M12) 023 2 (PUR/PVC) UL (AWM-Style 20549/1731), CSA; CE conform 35,97 g Cu wire, bare
Additional condition temperature range Conformity Product standard Cable Cable identification Cable Type Approval (cable) Cable weight [g/m] Material wire Resistor (core)	depending on cable quality DIN EN 61076-2-101 (M12) 023 2 (PUR/PVC) UL (AWM-Style 20549/1731), CSA; CE conform 35,97 g Cu wire, bare max. 57 Ω/km (20 °C)
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Additional condition temperature range Conformity Product standard Cable Cable Cable identification Cable Type Approval (cable) Cable weight [g/m] Material wire Resistor (core) Construction (core) Diameter (core) AWG Material wire isolation	depending on cable quality DIN EN 61076-2-101 (M12) 023 2 (PUR/PVC) UL (AWM-Style 20549/1731), CSA; CE conform 35,97 g Cu wire, bare max. 57 Ω/km (20 °C) 0.1 mm 42× 0.1 mm (multi-strand wire class 6) 3× 0.34 mm² similar to AWG 22 PVC
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Additional condition temperature range Conformity Product standard Cable Cable Cable identification Cable Type Approval (cable) Cable weight [g/m] Material wire Resistor (core) Construction (core) Diameter (core) Diameter (core) Material wire isolation Material property wire insulation Shore hardness wire isolation	depending on cable quality DIN EN 61076-2-101 (M12) 023 2 (PUR/PVC) UL (AWM-Style 20549/1731), CSA; CE conform 35,97 g Cu wire, bare max. 57 \(\Omega \text{/km} \) (20 °C) 0.1 mm 42× 0.1 mm (multi-strand wire class 6) 3× 0.34 mm² similar to AWG 22 PVC CFC-, cadmium-, silicone- and lead-free 43 ±5 D
Conformity Product standard Cable Cable Cable identification Cable Type Approval (cable) Cable weight [g/m] Material wire Resistor (core) Construction (core) Diameter (core) Diameter (core) Material wire isolation Material property wire insulation Shore hardness wire isolation Wire-Ø incl. isolation	depending on cable quality DIN EN 61076-2-101 (M12) 023 2 (PUR/PVC) UL (AWM-Style 20549/1731), CSA; CE conform 35,97 g Cu wire, bare max. 57 Ω/km (20 °C) 0.1 mm 42× 0.1 mm (multi-strand wire class 6) 3× 0.34 mm² similar to AWG 22 PVC CFC-, cadmium-, silicone- and lead-free 43 ±5 D 1.25 mm ±5%
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Conformity Product standard Cable Cable Cable Identification Cable Weight [g/m] Material wire Resistor (core) Single wire Ø (core) Construction (core) Diameter (core) May G Material wire isolation Material property wire insulation Shore hardness wire isolation Color/numbering of wires Stranding combination Shield Material property (jacket)	depending on cable quality DIN EN 61076-2-101 (M12) 023 2 (PUR/PVC) UL (AWM-Style 20549/1731), CSA; CE conform 35,97 g Cu wire, bare max. 57 Ω/km (20 °C) 0.1 mm 42× 0.1 mm (multi-strand wire class 6) 3× 0.34 mm² similar to AWG 22 PVC CFC-, cadmium-, silicone- and lead-free 43 ±5 D 1.25 mm ±5% br, bk, bl 3 wires twisted no PUR/PVC CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, hydrolysis and microbial resistant
Conformity Product standard Cable Cable Cable identification Cable Type Approval (cable) Cable weight [g/m] Material wire Resistor (core) Construction (core) Diameter (core) AWG Material wire isolation Material property wire insulation Shore hardness wire isolation Wire-Ø incl. isolation Color/numbering of wires Stranding combination Shield Material jacket	depending on cable quality DIN EN 61076-2-101 (M12) 023 2 (PUR/PVC) UL (AWM-Style 20549/1731), CSA; CE conform 35.97 g Cu wire, bare max. 57 Ω/km (20 °C) 0.1 mm 42× 0.1 mm (multi-strand wire class 6) 3× 0.34 mm² similar to AWG 22 PVC CFC-, cadmium-, silicone- and lead-free 43 ±5 D 1.25 mm ±5% br, bk, bl 3 wires twisted no PUR/PVC CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-



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