

## M12 male $0^{\circ}$ / M12 female $0^{\circ}$ A-cod.

PUR 4x0.34 bk UL/CSA 13m

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

Male straight - female straight

M12 - M12, 4-pole

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

Plastic housings with good resistance against chemicals and oils.

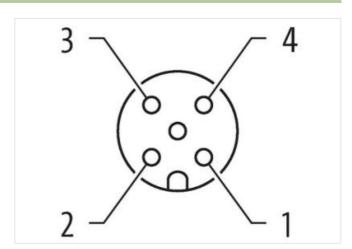
The resistance to aggressive media should be individually tested for your application. Further details on request.

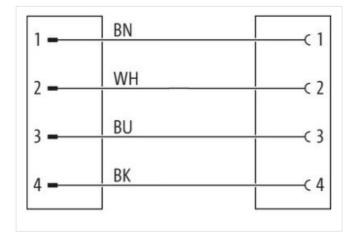
Further cable lengths on request.

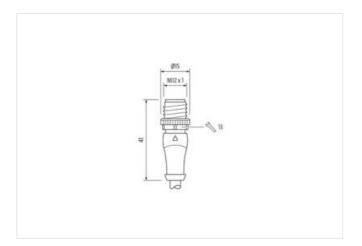
## **Link to Product**

## Illustration



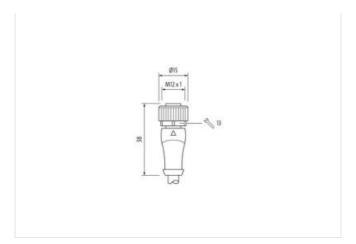


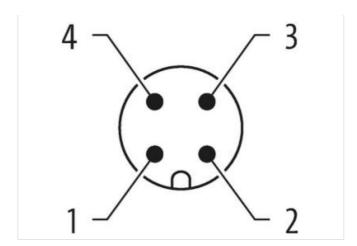






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Product may differ from Image



Cable length





13 m







Cable length	13 111
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal $\emptyset$ )	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
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	4048879564915



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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	
	Mishalad
Coating locking	Nickeled
Coating of fitting	nickel plated
Locking material  Material screw connection	Zinc die-casting
	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
Additional condition temperature range	depending on cable quality
Conformity	
Product standard	DIN EN 61076-2-101 (M12)
Product standard  Cable	DIN EN 61076-2-101 (M12)
Cable	
Cable Cable identification	624
Cable Cable identification Cable Type	624 2 (PUR/PVC)
Cable Cable identification Cable Type Approval (cable)	624 2 (PUR/PVC) UL (AWM-Style 20549/1731), CSA; CE conform
Cable Cable identification Cable Type Approval (cable) Cable weight [g/m]	624 2 (PUR/PVC) UL (AWM-Style 20549/1731), CSA; CE conform 42,68 g
Cable Cable identification Cable Type Approval (cable) Cable weight [g/m] Material wire	624 2 (PUR/PVC) UL (AWM-Style 20549/1731), CSA; CE conform 42,68 g Cu wire, bare
Cable Cable identification Cable Type Approval (cable) Cable weight [g/m] Material wire Resistor (core)	624 2 (PUR/PVC) UL (AWM-Style 20549/1731), CSA; CE conform 42,68 g
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Cable Cable identification Cable Type Approval (cable) Cable weight [g/m] Material wire Resistor (core) Single wire Ø (core) Construction (core) Diameter (core)	624 2 (PUR/PVC) UL (AWM-Style 20549/1731), CSA; CE conform 42,68 g Cu wire, bare max. 57 Ω/km (20 °C) 0.1 mm 42× 0.1 mm (multi-strand wire class 6) 4× 0.34 mm² similar to AWG 22 PVC
Cable Cable identification Cable Type Approval (cable) Cable weight [g/m] Material wire Resistor (core) Single wire Ø (core) Construction (core) Diameter (core) AWG Material wire isolation Material property wire insulation Shore hardness wire isolation	624 2 (PUR/PVC) UL (AWM-Style 20549/1731), CSA; CE conform 42,68 g Cu wire, bare max. 57 Ω/km (20 °C) 0.1 mm 42× 0.1 mm (multi-strand wire class 6) 4× 0.34 mm² similar to AWG 22 PVC CFC-, cadmium-, silicone- and lead-free
Cable Cable identification Cable Type Approval (cable) Cable weight [g/m] Material wire Resistor (core) Single wire Ø (core) Construction (core) Diameter (core) AWG Material wire isolation Material property wire insulation	624 2 (PUR/PVC) UL (AWM-Style 20549/1731), CSA; CE conform 42,68 g Cu wire, bare max. 57 Ω/km (20 °C) 0.1 mm 42× 0.1 mm (multi-strand wire class 6) 4× 0.34 mm² similar to AWG 22 PVC CFC-, cadmium-, silicone- and lead-free 43 ±5 D
Cable Cable identification Cable Type Approval (cable) Cable weight [g/m] Material wire Resistor (core) Single wire Ø (core) Construction (core) Diameter (core) AWG Material wire isolation Material property wire insulation Shore hardness wire isolation Wire-Ø incl. isolation	624 2 (PUR/PVC) UL (AWM-Style 20549/1731), CSA; CE conform 42,68 g Cu wire, bare max. 57 Ω/km (20 °C) 0.1 mm 42× 0.1 mm (multi-strand wire class 6) 4× 0.34 mm² similar to AWG 22 PVC CFC-, cadmium-, silicone- and lead-free 43 ±5 D  1.25 mm ±5%
Cable Cable identification Cable Type Approval (cable) Cable weight [g/m] Material wire Resistor (core) Single wire Ø (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	624 2 (PUR/PVC) UL (AWM-Style 20549/1731), CSA; CE conform 42,68 g Cu wire, bare max. 57 Ω/km (20 °C) 0.1 mm 42× 0.1 mm (multi-strand wire class 6) 4× 0.34 mm² similar to AWG 22 PVC CFC-, cadmium-, silicone- and lead-free 43 ±5 D 1.25 mm ±5% br, bk, bl, wh
Cable Cable identification Cable Type Approval (cable) Cable weight [g/m] Material wire Resistor (core) Single wire Ø (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	624 2 (PUR/PVC) UL (AWM-Style 20549/1731), CSA; CE conform 42,68 g Cu wire, bare max. 57 Ω/km (20 °C) 0.1 mm 42× 0.1 mm (multi-strand wire class 6) 4× 0.34 mm² similar to AWG 22 PVC CFC-, cadmium-, silicone- and lead-free 43 ±5 D  1.25 mm ±5% br, bk, bl, wh 4 wires twisted
Cable Cable identification Cable Type Approval (cable) Cable weight [g/m] Material wire Resistor (core) Single wire Ø (core) Construction (core) Diameter (core) Material wire isolation Material property wire insulation Shore hardness wire isolation Color/numbering of wires Stranding combination Shield	624 2 (PUR/PVC) UL (AWM-Style 20549/1731), CSA; CE conform 42,68 g Cu wire, bare max. 57 Ω/km (20 °C) 0.1 mm 42× 0.1 mm (multi-strand wire class 6) 4× 0.34 mm² similar to AWG 22 PVC CFC-, cadmium-, silicone- and lead-free 43 ±5 D 1.25 mm ±5% br, bk, bl, wh 4 wires twisted no
Cable Cable identification Cable Type Approval (cable) Cable weight [g/m] Material wire Resistor (core) Single wire Ø (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	624 2 (PUR/PVC) UL (AWM-Style 20549/1731), CSA; CE conform 42,68 g Cu wire, bare max. 57 \( \Omega \text{/m} \text{ (20 °C)} \) 0.1 mm 42× 0.1 mm (multi-strand wire class 6) 4× 0.34 mm² similar to AWG 22 PVC CFC-, cadmium-, silicone- and lead-free 43 ±5 D  1.25 mm ±5% br, bk, bl, wh 4 wires twisted no PUR/PVC CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-
Cable Cable identification Cable Type Approval (cable) Cable weight [g/m] Material wire Resistor (core) Single wire Ø (core) Construction (core) Diameter (core) Material wire isolation Material property wire insulation Shore hardness wire isolation Wire-Ø incl. isolation Color/numbering of wires Stranding combination Shield Material property (jacket)	624 2 (PUR/PVC) UL (AWM-Style 20549/1731), CSA; CE conform 42,68 g Cu wire, bare max. 57 Ω/km (20 °C) 0.1 mm 42× 0.1 mm (multi-strand wire class 6) 4× 0.34 mm² similar to AWG 22 PVC CFC-, cadmium-, silicone- and lead-free 43 ±5 D 1.25 mm ±5% br, bk, bl, wh 4 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



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