

#### M12 male 0° / M12 female 0° A-cod.

PUR 3x0.34 ye UL/CSA 10m

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

Male straight – female straight

M12 - M12, 3-pole

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

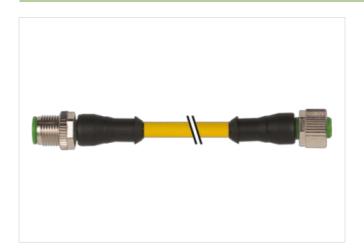
Plastic housings with good resistance against chemicals and oils.

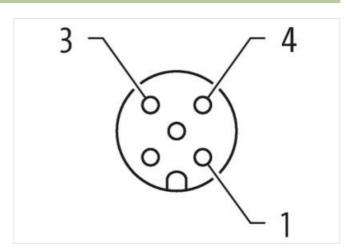
The resistance to aggressive media should be individually tested for your application. Further details on request.

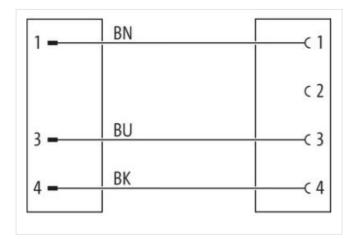
Further cable lengths on request.

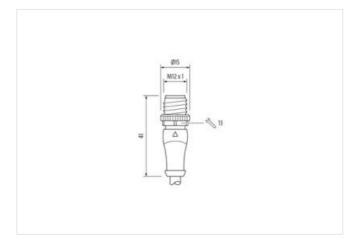
## **Link to Product**

#### Illustration



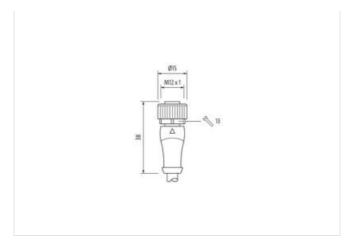


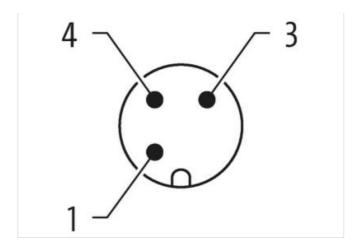






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Product may differ from Image













Cable length	10 m
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
No. of poles	3
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
No. of poles	3
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



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customs tariff number	85444290
GTIN	4048879186582
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)	I
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
Additional condition temperature range	depending on cable quality
Important installation notes	
•	Durtost the appropriate by a sitches appropriate from another inclinate and by the same of adult time
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Note on bending radius	<b>Attention:</b> Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
Conformity	
Product standard	DIN EN 61076-2-101 (M12)
Cable	
Cable identification	023
Cable Type	2 (PUR/PVC)
Approval (cable)	UL (AWM-Style 20549/1731), CSA; CE conform
Oalda Salat I.a. t. 1	
Cable weight [g/m]	35,97 g
Cable weight [g/m]  Material wire	
	35,97 g
Material wire	35,97 g Cu wire, bare max. 57 Ω/km (20 °C) 0.1 mm
Material wire Resistor (core) Single wire Ø (core) Construction (core)	35,97 g Cu wire, bare max. 57 Ω/km (20 °C) 0.1 mm 42× 0.1 mm (multi-strand wire class 6)
Material wire Resistor (core) Single wire Ø (core) Construction (core) Diameter (core)	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
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Material wire  Resistor (core)  Single wire Ø (core)  Construction (core)  Diameter (core)  AWG  Material wire isolation	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
Material wire  Resistor (core)  Single wire Ø (core)  Construction (core)  Diameter (core)  AWG  Material wire isolation  Material property wire insulation	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
Material wire  Resistor (core)  Single wire Ø (core)  Construction (core)  Diameter (core)  AWG  Material wire isolation  Material property wire insulation  Shore hardness wire isolation	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
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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: 2024-05-18



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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)	4.3 mm ±5%
Color jacket	yellow
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 <sup>2</sup>