

M12 female 0° A-cod. with cable

PUR 4x0.34 gy UL/CSA+drag ch. 1m

Female straight M12, 4-pole

with cable sleeves

Plastic housings with good resistance against chemicals and oils.

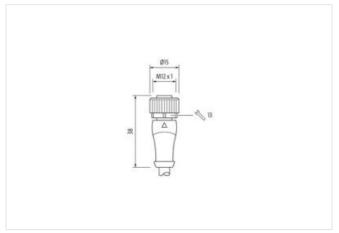
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

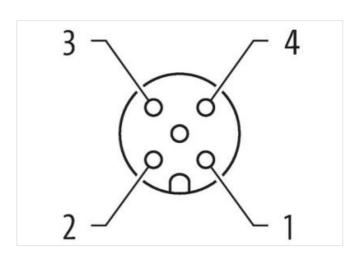
Link to Product

Illustration









Product may differ from Image













Cable length

1 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 Α 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 85444290 customs tariff number GTIN 4048879212717 Packaging unit 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) ī 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 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

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: 2024-05-13

DIN EN 61076-2-101 (M12)



stay connected

Cable Type	Installation Cable	
Cable Type	Cable identification	234
Jacket Color Type of Certificate URus URus URus URus URus Amount starding 4 vires livited Stranding 4 vires livited Traversing distance (C-track) 10 m @ 25 °C horizontal Cable weight 36.3 gm Material jacket PIR Shore hardness jacket PIR Shore hardness jacket PIR Shore hardness jacket 10 m @ 25 °C horizontal Cable weight 36.3 gm Material jacket PIR Shore hardness jacket PIR Shore hardness jacket 10 m @ 25 °C horizontal Cable weight 36.3 gm Material packet PIR Shore hardness jacket 10 m @ 25 °C horizontal Cable weight 36.3 gm Material packet 10 m @ 25 °C horizontal 1		
Type of Certificate cUPsus Amount stranding 1 Stranding 4 wires twisted ### Amount stranding 1 1		· ·
Stranding 1 wires twisted 4 wires twisted 5 stranding 4 stranding		
Stranding		
wire arrangement brown, black, blue, white Traversing distance (C-track) 10 m @ 25 °C horizontal Cable weight 38,3 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) 4,5 mm Tolerance outer diameter (jacket) 4,5 mm Tolerance outer diameter (jacket) 4,5 mm Tolerance outer diameter (sheath) ± 5 % Amount wires 4 Couter diameter insulation PP Amount wires 4 Couter diameter insulation 70 ± 5 Shore D Ingredient freeness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation 10 µm		
Traversing distance (C-track) 10 m @ 25 °C horizontal Cable weight 36,3 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) ± 5 % Material wire insulation PP Amount wires 4 Outer diameter insulation 1,25 mm Ingredient freeness wire insulation 1,0 mm Ingredient freeness wire insulation 42 Diameter of single wires 0,1 mm Conductor or sessection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max 300 V Current load capacity min. wire		
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Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 10 Mio. @ 25 °C No. of torsion cycles 2 Mio. Torsion stress ± 180 °/m	chemical resistance	Good, application-related testing
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Travel speed (C-track) 10 Mio. @ 25 °C No. of torsion cycles 2 Mio. Torsion stress ± 180 °/m	Bending radius (fixed)	5 x Outer diameter
No. of torsion cycles 2 Mio. Torsion stress ± 180 °/m	Bending radius (dynamic)	10 x Outer diameter
Torsion stress ± 180 °/m	Travel speed (C-track)	10 Mio. @ 25 °C
	No. of torsion cycles	2 Mio.
Torsion speed 35 cycles/min	Torsion stress	± 180 °/m
	Torsion speed	35 cycles/min