

M12 female 0° / M12 female 0° A-cod.

PUR 5x0.34 bk UL/CSA+drag ch. 15m

Female straight - female straight M12 - M12, 5-pole

A-coded

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

Plastic housings with good resistance against chemicals and oils.

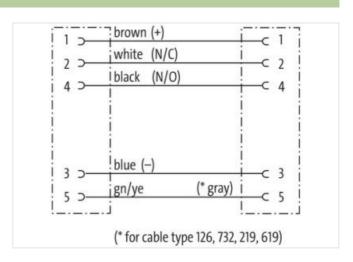
The resistance to aggressive media should be individually tested for your application. Further details on request.

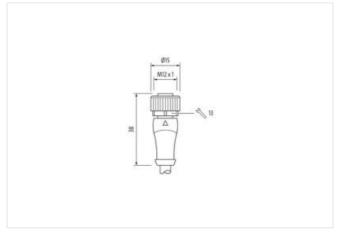
Further cable lengths on request.

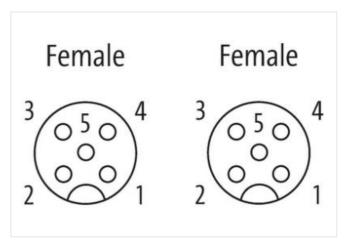
Link to Product

Illustration









Product may differ from Image













Cable length

15 m

Side 1

Tightening torque

0,6 Nm

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: 2024-06-23



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| Casting contact | Mounting method | inserted, screwed |
|--|--|---------------------------------------|
| Family construction form | | · · · · · · · · · · · · · · · · · · · |
| Treed | | |
| Coding A Material contact Copper alloy Mactrial poles 5 No. of poles 5 Width across flats SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Stries Typhening torque Mounting method inserted, screwed Coating contact gold plated Family construction form M12 Trivad M12 x 1 suitable for corrugated tube (internal Of) 10 mm Coding A Material contact Copper alloy Material contact Copper alloy Material contact Copper alloy Morting across flats SW13 ECLASS-0.0 27279218 ECLASS-0.0 27279218 ECLASS-0.0 27279218 ECLASS-0.0 27279218 ECLASS-10.1 27060311 ECLASS-10.2 27060311 ECLASS-10.1 27060311 ECLASS-10.0 E0001855 customs tartiff number <t< td=""><td></td><td></td></t<> | | |
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| No. of poles | | |
| Width across flats SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 State 2 Tightening torque 0,6 Nm Mounting method inserted, screwed Coaling contact gold plated Family construction form M12 Thread M12 x 1 salizable for corrugated tube (internal Ø) 10 mm Coding A Material contact Copper alloy Methan across flats SW13 Commercial data ECLASS-8.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-1.1 27060311 ECLASS-1.1 27060311 ECLASS-1.1 27060311 ECLASS-1.0 EC04855 STIM-5.0 EC04855 COTIN 4048879590686 Packagny unit 1 Electrical data Supply Operating voltage AC (max. 125 V Operating voltage AC (max. 125 V Operating voltage AC (max. 125 V | | |
| Degree of protection (EN IEC 60529) IP65, IP66K, IP67 | | |
| Side 2 | | |
| Mounting method Inserted, screwed | | |
| Mounting method Inserted, screwed | Tightening torque | 0.6 Nm |
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| No. of poles 5 | | |
| Width across flats | | |
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| Installation Connection Mounting set M12 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 | Diagnostics | |
| Mounting set M12 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 | Status indication LED | no |
| Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 | Installation Connection | |
| Additional condition protection degree inserted, screwed Pollution Degree 3 | Mounting set | M12 x 1 |
| Pollution Degree 3 | Device protection Electrical | |
| | Additional condition protection degree | inserted, screwed |
| Rated surge voltage 1,5 kV | Pollution Degree | 3 |
| | Rated surge voltage | 1,5 kV |
| Material group (IEC 60664-1) | Material group (IEC 60664-1) | I |
| Mechanical data Material data | Mechanical data Material data | |



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| Coating of fitting Material gasket Locking material Material screw connection Mechanical data Mounting data Mounting method Environmental characteristics Climatic | nickel plated FKM Zinc die-casting Zinc die-casting |
|---|--|
| Locking material Material screw connection Mechanical data Mounting data Mounting method | Zinc die-casting |
| Material screw connection Mechanical data Mounting data Mounting method | - |
| Mechanical data Mounting data Mounting method | Zinc die-casting |
| Mounting method | |
| | |
| Environmental characteristics Climatic | inserted, screwed, Shaking protection |
| | |
| 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. |
| Note on bending radius | Attention: 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) |
| Installation Cable | |
| wire arrangement | brown, black, blue, white, green-yellow |
| Cable identification | 635 |
| Cable Type | 3 |
| Jacket Color | black |
| Type of Certificate | cURus |
| Amount stranding | 1 |
| Stranding | 5 wires around Core filler twisted |
| Filler | yes |
| wire arrangement | brown, black, blue, white, green-yellow |
| Cable weigth | 41,8 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) | 4,8 mm |
| Tolerance outer diameter (sheath) | ± 5 % |
| Material wire insulation | PP |
| Amount wires | 5 |
| Outer diameter insulation | 1,25 mm |
| Outer diameter tolerance core insulation | ± 5 % |
| Shore hardness wire insulation | 70 ± 5 Shore D |
| Ingredient freeness wire insulation | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
| Amount strands (wire) | 42 |
| Diameter of single wires | 0,1 mm |
| Conductor crosssection (wire) | 0,34 mm ² |
| Material conductor wire | Stranded copper wire, bare |
| Conductor type (wire) | strand class 6 |
| Nominal voltage AC max. | 300 V |
| Current load capacity (standard) | to DIN VDE 0298-4 |
| Current load capacity min. wire | 4,5 A |
| Electrical resistance line constant wire | 57 Ω/km @ 20 °C |
| AC withstand voltage (wire - wire) | 2,5 kV @ 60 s |
| Power frequency withstand voltage (wire - acket) | 2,5 kV @ 60 s |
| Min. operating temperature (static) | -40 °C |



| Max. operating temperature (fixed) | 80 °C / 90 °C @ 10000 h Operation |
|--------------------------------------|--|
| Operating temperature min. (dynamic) | -25 °C |
| Operating temperature max. (dynamic) | 80 °C / 90 °C @ 10000 h Operation |
| UV resistance | DIN EN ISO 4892-2 A |
| Flame resistance | UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2 |
| chemical resistance | Good, application-related testing |
| Gasoline resistance | Good, application-related testing |
| Oil resistance | Good, application-related testing DIN EN 60811-404 |
| Bending radius (fixed) | 5 x Outer diameter |
| Bending radius (dynamic) | 10 x Outer diameter |
| No. of bending cycles (C-track) | 10 Mio. @ 25 °C |
| Traversing distance (C-track) | 10 m @ 25 °C horizontal |
| Travel speed (C-track) | 3 m/s @ 25 °C |
| No. of torsion cycles | 2 Mio. |
| Torsion stress | ± 180 °/m |
| Torsion speed | 35 cycles/min |