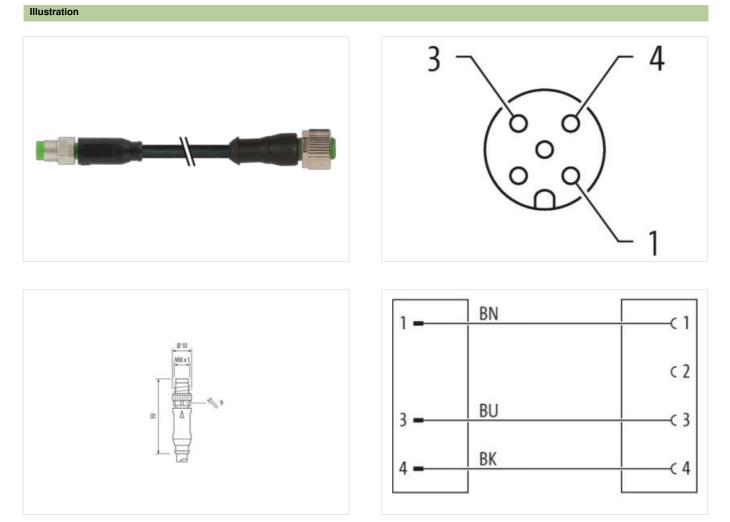


M8 male 0° / M12 female 0° A-cod.

PUR 3x0.25 bk UL/CSA+drag ch. 7.5m

Male straight – female straight M8 – M12, 3-pole Art-No. 7005 - M12/M8 Lite - (plastic hexagonal screw) on request Further cable lengths 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.

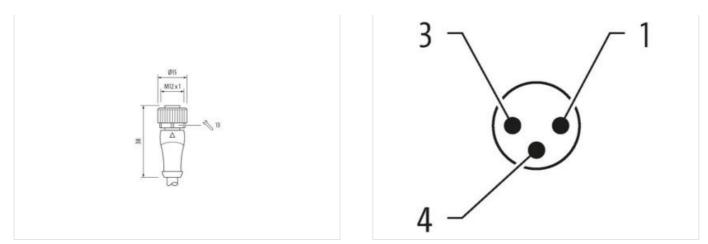
Link to Product



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Product may differ from Image



| Cable length | 7,5 m |
|---|-------------------|
| Side 1 | |
| Tightening torque | 0,4 Nm |
| Mounting method | inserted, screwed |
| Coating contact | gold plated |
| Family construction form | M8 |
| Thread | M8 x 1 |
| suitable for corrugated tube (internal Ø) | 6,5 mm |
| Coding | A |
| Material contact | Copper alloy |
| No. of poles | 3 |
| Width across flats | SW9 |
| Side 2 | |
| Tightening torque | 0,6 Nm |
| Mounting method | inserted, screwed |
| Coating contact | gold plated |
| Family construction form | M12 |
| Thread | M12 x 1 |
| suitable for corrugated tube (internal Ø) | 10 mm |
| Coding | A |
| Material contact | Copper alloy |
| 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 |

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| GTIN4048679128839Packaging unit1Packaging unit1Deprinting voltage AC max.50 VOperating voltage AC Max.60 VOperating voltage AC (UL-listed)30 VOperating voltage CO reat.60 VOperating voltage Co fuel.4 ADevice production protection I ElectricalVDevice production protection I ElectricalVDevice production protection I ElectricalNoRead surge voltage AC (UL-listed)3 VMaterial grave (IE CO 60542)IP65, IP63, IP63, IP60KAdditional conduction protection ElectricalNoMaterial grave (IE CO 60541)1Naterial grave (IE CO 60541)1Read surge voltage3 SMaterial grave (IE CO 60541)1Material grave (IE CO 60541)1Rechanical data [Material data]PURMaterial grave (IE CO 60541)1NoskeledMaterial gravesMaterial gravesPURMaterial gravesPURConting InclingNoskeledMaterial gravesPURMaterial graves25 °COperating temperature max.25 °COperating temperature max.26 °C <t< th=""><th>ETIM-5.0</th><th>EC001855</th></t<> | ETIM-5.0 | EC001855 |
|--|--|--|
| Packaging unit 1 Electrical data Supply | customs tariff number | 85444290 |
| Electical data Supply Operating voltage AC max. 50 V Operating voltage DC Dracs. 60 V Operating voltage DC Dracs. 30 V Control operating voltage DC (UL-listed) 30 V Operating voltage DC Dracs. 4 A Drive protoction Electrical Electrical Science Drive protoction protoction darge 18.97.978.98.1988K Additional confidion protocolito darge 3 Baladis surge voltage DC (UL-listed) 1.5.8.V Material protocolito (EN ICE 60664-1) 1 Baladis surge voltage DC (UC-60664-1) 1 Baladis surge voltage DC (UC-60664-1) 1 Material protocy (IEC 60664-1) 2 Material protocy (IEC 60664-1) 2 Data districation of the protocy (IEC 60664-1) 2 Material protocy (IEC 60664-1) 2 Material protocy (IEC 60664-1) 2 Data districation of the protocy (IEC 60664-1) | GTIN | 4048879123839 |
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| Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 3 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 | Freedom from ingredients (jacket) | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
| Material wire insulation PP Amount wires 3 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 | Outer-diameter (jacket) | 4,1 mm |
| Amount wires 3 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 | Tolerance outer diameter (sheath) | ±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 | Material wire insulation | PP |
| 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 wires | 3 |
| Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free | Outer diameter insulation | 1,25 mm |
| Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free | Outer diameter tolerance core insulation | ± 5 % |
| | Shore hardness wire insulation | 70 ± 5 Shore D |
| Amount strands (wire) 32 | Ingredient freeness wire insulation | |
| | Amount strands (wire) | 32 |

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: 2024-04-27

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| Diameter of single wires | 0,1 mm |
|---|--|
| Conductor crosssection (wire) | 0,25 mm ² |
| Material conductor wire | Stranded copper wire, bare |
| Conductor type (wire) | strand class 6 |
| Traversing distance (C-track) | 10 m @ 25 °C horizontal |
| Current load capacity (standard) | to DIN VDE 0298-4 |
| Current load capacity min. wire | 4,5 A |
| Electrical resistance line constant wire | 79 Ω/km @ 20 °C |
| Nominal voltage power AC max. | 300 V |
| Power frequency withstand voltage power (wire - jacket) | 2,5 kV @ 60 s |
| AC withstand voltage power (wire - wire) | 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 § 1090 UL 1581 § 1100 FT2 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 torsion cycles | 2 Mio. |
| Torsion speed | 35 cycles/min |
| Torsion stress | ± 180 °/m |

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