

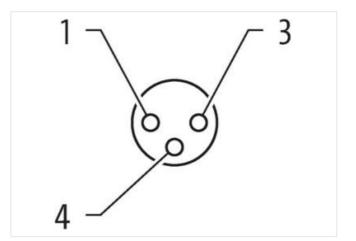
M8 male 90° / M8 female 0° A-cod.

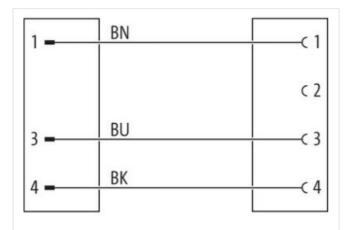
PUR 3x0.25 bk UL/CSA+drag ch. 0.6m

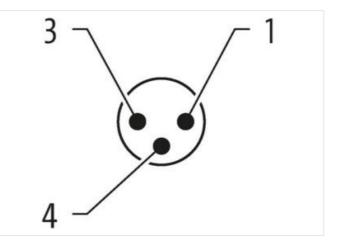
Male 90° – female straight M8 – M8, 3-pole Art-No. 7005 - M8 Lite - (plastic hexagonal screw) on request Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

Link to Product



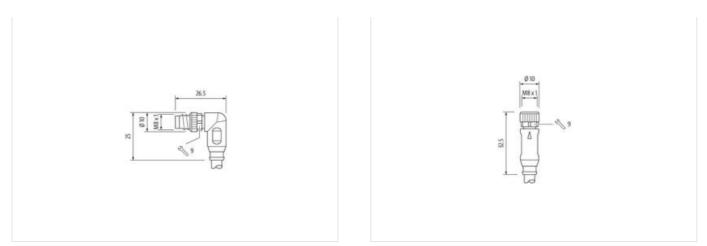






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Product may differ from Image



| Cable length | 0,6 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 \emptyset) | 6,5 mm |
| Cable outlet | angled |
| Coding | A |
| Material contact | Copper alloy |
| No. of poles | 3 |
| Width across flats | SW9 |
| Side 2 | |
| 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 \emptyset) | 6,5 mm |
| Cable outlet | straight |
| Coding | A |
| Material contact | Copper alloy |
| No. of poles | 3 |
| 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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| ETIM-5.0EC001855customs tariff number85444290GTIN4048879126533Packaging unit1Electrical data SupplyImage: Constraint of the second se | |
|---|--|
| GTIN4048879126533Packaging unit1Electrical data SupplyOperating voltage AC max.50 VOperating voltage DC max.60 VOperating voltage AC (UL-listed)30 VOperating voltage DC (UL-listed)30 V | |
| Electrical data Supply Operating voltage AC max. 50 V Operating voltage DC max. 60 V Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V | |
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| Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V | |
| | |
| Current operating per contact max. 4 A | |
| | |
| Diagnostics | |
| Status indication LED no | |
| Device protection Electrical | |
| Degree of protection (EN IEC 60529) IP65, IP67, IP66K | |
| Additional condition protection degree inserted, screwed | |
| Pollution Degree 3 | |
| Rated surge voltage 1,5 kV | |
| Material group (IEC 60664-1) I | |
| Mechanical data Material data | |
| Coating locking Nickeled | |
| Material gasket FKM | |
| Material housing PUR | |
| Locking material Zinc die-casting | |
| Mechanical data Mounting data | |
| Mounting method inserted, screwed, Shaking protection | |
| Environmental characteristics Climatic | |
| Operating temperature min25 °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 radiusAttention: 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 61076-2-114 (M8) | |
| | |
| Installation Cable | |
| Installation Cable Cable identification 630 | |
| | |
| Cable identification 630 | |
| Cable identification 630 Cable Type 3 | |
| Cable identification 630 Cable Type 3 Jacket Color black | |
| Cable identification630Cable Type3Jacket ColorblackType of CertificatecURus | |
| Cable identification630Cable Type3Jacket ColorblackType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blue | |
| Cable identification630Cable Type3Jacket ColorblackType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueTraversing distance (C-track)10 m @ 25 °C horizontal | |
| Cable identification630Cable Type3Jacket ColorblackType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueTraversing distance (C-track)10 m @ 25 °C horizontalCable weigth26,4 g/m | |
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| Cable identification630Cable Type3Jacket ColorblackType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueTraversing distance (C-track)10 m @ 25 °C horizontalCable weigth26,4 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-free | |

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| 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 |
| Amount strands (wire) | 32 |
| 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 |
| 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 | 79 Ω/km @ 20 °C |
| AC withstand voltage (wire - wire) | 2,5 kV @ 60 s |
| Power frequency withstand voltage (wire - jacket) | 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 |
| Travel speed (C-track) | 10 Mio. @ 25 °C |
| No. of torsion cycles | 2 Mio. |
| Torsion stress | ± 180 °/m |
| Torsion speed | 35 cycles/min |

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