

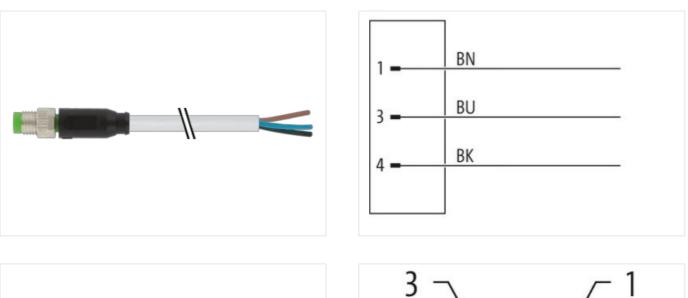
## M8 male 0° A-cod. with cable

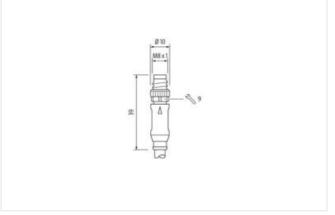
PUR 3x0.25 gy UL/CSA+drag ch. 1.5m

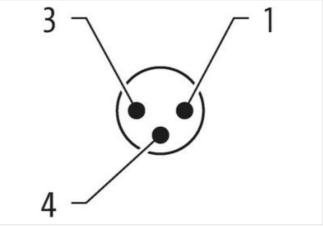
Male straight M8, 3-pole Art-No. 7005 - M8 Lite - (plastic hexagonal screw) on request with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable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

## Link to Product

Illustration







Product may differ from Image



1,5 m

0,4 Nm

Cable length

Side 1

Tightening torque

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| 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   | Α                 |
| Material contact                                     | Copper alloy      |
| Material   | PUR               |
| No. of poles   | 3                 |
| Width across flats                                   | SW9               |
| Degree of protection (EN IEC 60529)                  | IP65, IP66K, IP67 |
| Side 2   |                   |
| Stripping length (jacket)                            | 20 mm             |
| Coating contact                                      | gold plated       |
| Family construction form                             | free cable end    |
| 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          |
| customs tariff number                                | 85444290          |
| GTIN   | 4048879233835     |
| Packaging unit                                       | 1                 |
| 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              |
| Current operating per contact max.                   | 4 A               |
| Diagnostics  |                   |
| Status indication LED                                | no                |
| Installation   Connection                            |                   |
| Stripping length (jacket)                            | 20 mm             |
| Mounting set   | M8 x 1            |
| Device protection   Electrical                       |                   |
| Additional condition protection degree               | inserted, screwed |
| Pollution Degree                                     | 3                 |
| Rated surge voltage                                  | 1,5 kV            |
| Material group (IEC 60664-1)                         |                   |
| Mechanical data   Material data                      |                   |
| Coating locking                                      | Nickeled          |
| Coating of fitting                                   | nickel plated     |
|  | Zinc die-casting  |
| Locking material                                     |                   |
| Locking material<br>Material screw connection        | Brass             |

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inserted, screwed, Shaking protection Mounting method Environmental characteristics | Climatic Operating temperature min. -25 °C 85 °C Operating temperature max. 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 DIN EN 61076-2-104 (M8) Installation | Cable Cable identification 230 Cable Type 3 Jacket Color gray Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted brown, black, blue wire arrangement Cable weigth 26,4 g/m Material jacket PHR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4.1 mm 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 32 Amount strands (wire) Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm<sup>2</sup> Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 300 V to DIN VDE 0298-4 Current load capacity (standard) 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 -2,5 kV @ 60 s jacket) 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 Flame resistance IEC 60332-2-2 | UL 1581 § 1090 | UL 1581 § 1100 FT2 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

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| 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             |

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