

**M8 female 0° A-cod. with cable**

PUR 4x0.25 bk UL/CSA 5m

**⚠ NOTICE ⚠****PRODUCT IS DISCONTINUED. PLEASE HAVE A LOOK AT THE ALTERNATIVE PRODUCTS.**

Female straight

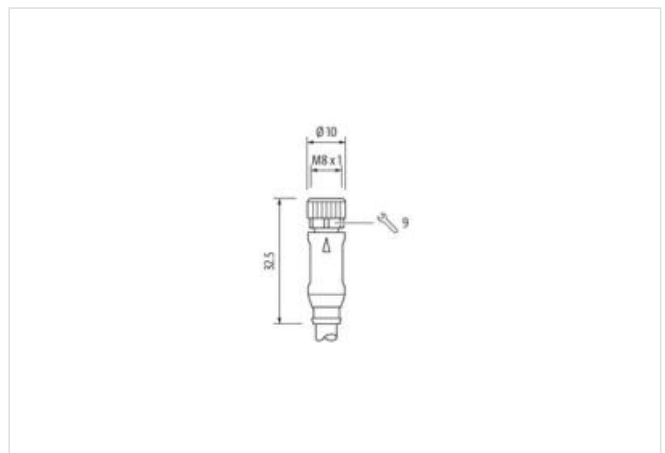
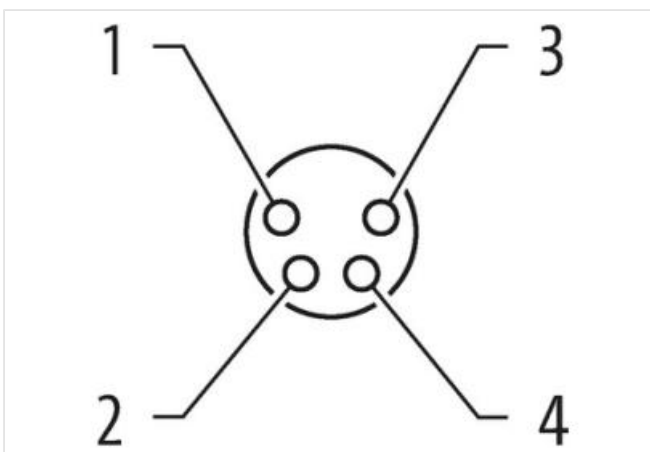
M8, 4-pole

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



|   |                   |
|---|-------------------|
| Cable length                              | 5 m               |
| <b>Side 1</b>                             |                   |
| 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            |
| Material contact                          | Copper alloy      |
| Material                                  | PUR               |
| No. of poles                              | 4                 |
| Width across flats                        | SW9               |
| Degree of protection (EN IEC 60529)       | IP65, IP66K, IP67 |

|                           |             |
|---------------------------|-------------|
| <b>Side 2</b>             |             |
| Stripping length (jacket) | 20 mm       |
| Coating contact           | gold plated |

|                        |               |
|------------------------|---------------|
| <b>Commercial data</b> |               |
| 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                   | 4048879229340 |
| Packaging unit         | 1             |

|                                    |      |
|------------------------------------|------|
| <b>Electrical data   Supply</b>    |      |
| 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  |

|                       |    |
|-----------------------|----|
| <b>Diagnostics</b>    |    |
| Status indication LED | no |

|                                  |        |
|----------------------------------|--------|
| <b>Installation   Connection</b> |        |
| Stripping length (jacket)        | 20 mm  |
| Mounting set                     | M8 x 1 |

|  |                   |
|--|-------------------|
| <b>Device protection   Electrical</b>  |                   |
| Additional condition protection degree | inserted, screwed |
| Pollution Degree                       | 3                 |
| Rated surge voltage                    | 1,5 kV            |
| Material group (IEC 60664-1)           | I                 |

|  |                  |
|--|------------------|
| <b>Mechanical data   Material data</b> |                  |
| Coating locking                        | Nickeled         |
| Coating of fitting                     | nickel plated    |
| Material gasket                        | FKM              |
| 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

**Conformity**

Product standard DIN EN 61076-2-114 (M8)

**Installation | Cable**

Cable identification 621

Cable Type 2

Jacket Color black

Type of Certificate cURus

Amount stranding 1

Stranding 4 wires twisted

wire arrangement brown, black, blue, white

Cable weight 32,01 g/m

Material jacket PUR

Shore hardness jacket 85 ± 5 Shore A

Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free

Outer-diameter (jacket) 4,6 mm

No. of bending cycles (C-track) 2 Mio. @ 25 °C

Tolerance outer diameter (sheath) ± 5 %

Material wire insulation PVC

Amount wires 4

Outer diameter insulation 1,25 mm

Outer diameter tolerance core insulation ± 5 %

Shore hardness wire insulation 43 ± 5 Shore D

Material properties wire insulation good machinability

Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free

Amount strands (wire) 32

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

Traversing distance (C-track) 5 m @ 25 °C | horizontal

Current load capacity (standard) to DIN VDE 0298-4

Current load capacity min. wire 3,6 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 kV @ 60 s

AC withstand voltage power (wire - wire) 2 kV @ 60 s

Min. operating temperature (static) -30 °C

Max. operating temperature (fixed) 80 °C

Operating temperature min. (dynamic) -5 °C

Operating temperature max. (dynamic) 80 °C

UV resistance DIN EN ISO 4892-2 A

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) 10 x Outer diameter

Bending radius (dynamic)

15 x Outer diameter