

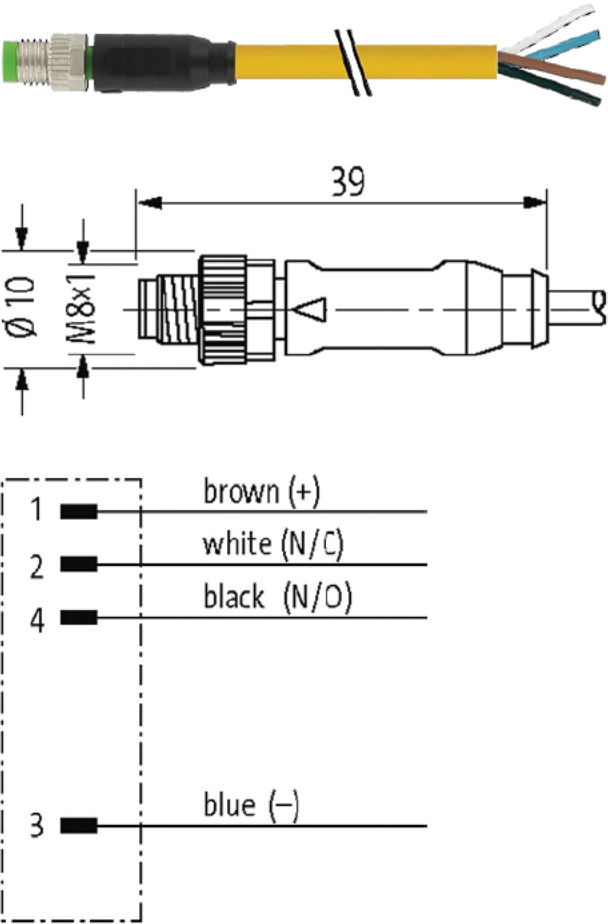
**M8 male 0° with cable**

PUR 4x0.25 ye UL/CSA 20m

Male straight  
M8, 4-pole  
Art-No. 7005 - M8 L te - (past c hexagona screw) on request  
with cable sleeves  
Past c hous ngs w th good res stance aga nst chem ca s and o s.  
The res stance to aggress ve med a shou d be nd v dua y tested for your app cat on. Further deta s on request.  
Further cab e engths on request.

[Link to Product](#)

Illustration



Product may differ from image

Approvals



\* only for products with UL/CSA approved cable

cCSAus

Form

Form 080

General data

|                                    |                                                                                                                                            |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Standards                          | DIN EN 6 076 2 04 (M8)                                                                                                                     |
| Mounting method                    | inserted tightened                                                                                                                         |
| Material (contact)                 | Copper alloy                                                                                                                               |
| Material (contact surface)         | Au                                                                                                                                         |
| Pollution Degree                   | 3                                                                                                                                          |
| Temperature range                  | 25 +85 °C depending on cable quality                                                                                                       |
| <b>Cables</b>                      |                                                                                                                                            |
| No /diameter of wires              | 4× 0.25 mm <sup>2</sup>                                                                                                                    |
| Wire isolation                     | PVC (br wh bl bk)                                                                                                                          |
| C track properties                 | 2 Mio                                                                                                                                      |
| Material (jacket)                  | PUR/PVC (UL/CSA)                                                                                                                           |
| Outer Ø                            | 4.8 mm 5%                                                                                                                                  |
| Bend radius (moving)               | 5× outer Ø                                                                                                                                 |
| Temperature range (fixed)          | 30 +80 °C                                                                                                                                  |
| Temperature range (mobile)         | 5 +80 °C                                                                                                                                   |
| Cable identification               | 02                                                                                                                                         |
| Cable Type                         | 2 (PUR/PVC)                                                                                                                                |
| Approval (cable)                   | UL (AWM Style 20549/ 73 ) CSA; CE conform                                                                                                  |
| Cable weight [g/m]                 | 32.0                                                                                                                                       |
| Material (wire)                    | Cu wire bare                                                                                                                               |
| Resistor (core)                    | max 79 Ω/km (20 °C)                                                                                                                        |
| Single wire Ø (core)               | 0.25 mm                                                                                                                                    |
| Construction (core)                | 32× 0.25 mm (multi strand wire class 6)                                                                                                    |
| Diameter (core)                    | 4× 0.25 mm <sup>2</sup>                                                                                                                    |
| AWG                                | similar to AWG 24                                                                                                                          |
| Material (wire isolation)          | PVC                                                                                                                                        |
| Material property (wire isolation) | CFC cadmium silicone and lead free                                                                                                         |
| Shore hardness (wire isolation)    | 43 5 D                                                                                                                                     |
| Wire Ø incl isolation              | 2.5 mm 5%                                                                                                                                  |
| Color/numbering of wires           | br bk bl wh                                                                                                                                |
| Stranding combination              | 4 wires twisted                                                                                                                            |
| Shield                             | no                                                                                                                                         |
| Material (jacket)                  | PUR                                                                                                                                        |
| Material property (jacket)         | CFC halogen cadmium silicone and lead free matt low adhesion machine easy to process abrasion resistant hydrolysis and microbial resistant |
| Shore hardness (jacket)            | 85 5 A                                                                                                                                     |
| Outer Ø (jacket)                   | 4.8 mm 5%                                                                                                                                  |
| Color (jacket)                     | yellow                                                                                                                                     |
| chemical resistance                | good resistance to oil gasoline and chemicals                                                                                              |
| Nominal voltage                    | UL 300 V AC                                                                                                                                |
| Test voltage                       | 2000 V AC                                                                                                                                  |
| Current load capacity              | to DIN VDE 0298 4                                                                                                                          |
| Temperature range (fixed)          | 30 +80 °C                                                                                                                                  |
| Temperature range (mobile)         | 5 +80 °C                                                                                                                                   |
| Bend radius (fixed)                | 0× outer Ø                                                                                                                                 |
| Bend radius (moving)               | 5× outer Ø                                                                                                                                 |
| No. of bending cycles (C track)    | max 2 Mio (25 °C)                                                                                                                          |
| Traversing distance (C track)      | max 5 m (horizontal)                                                                                                                       |
| Travel speed (C track)             | max 3.3 m/s                                                                                                                                |

|                        |                        |
|------------------------|------------------------|
| Acceleration (C track) | max 5 m/s <sup>2</sup> |
| Jacket Color           | yellow                 |

**Technical Data**

|                                           |                                                               |
|-------------------------------------------|---------------------------------------------------------------|
| Operating voltage                         | max 50 V AC/60 V DC                                           |
| Operating voltage (only UL listed)        | 30 V AC/DC                                                    |
| Rated surge voltage                       | 5 kV                                                          |
| Operating current per contact             | max 4 A                                                       |
| No. of poles                              | 4                                                             |
| Material group                            | EC 60664 category                                             |
| Locking of ports                          | Screw thread (M8× mm) recommended torque 0.4 Nm self securing |
| Compression gland                         | M8 (SW9)                                                      |
| Protection                                | P65 P66K P67 inserted and tightened (EN 60529)                |
| Locking material                          | Zinc die casting matte nickel plated                          |
| Material                                  | PUR                                                           |
| suitable for corrugated tube (internal Ø) | 6.5 mm                                                        |

**Commercial data**

|                       |               |
|-----------------------|---------------|
| country of origin     | DE            |
| customs tariff number | 85444290      |
| EAN                   | 4048879233293 |
| eClass                | 272792 8      |
| Packaging unit        |               |

**Sketch**

Male



Product image may differ from reality