

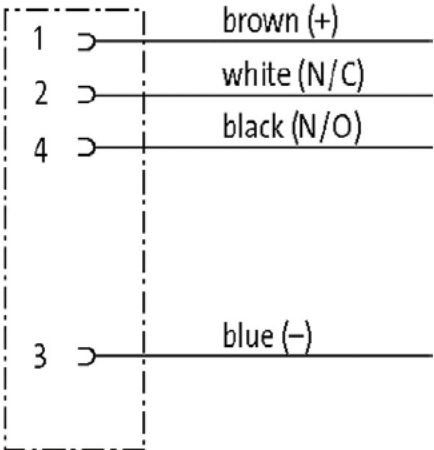
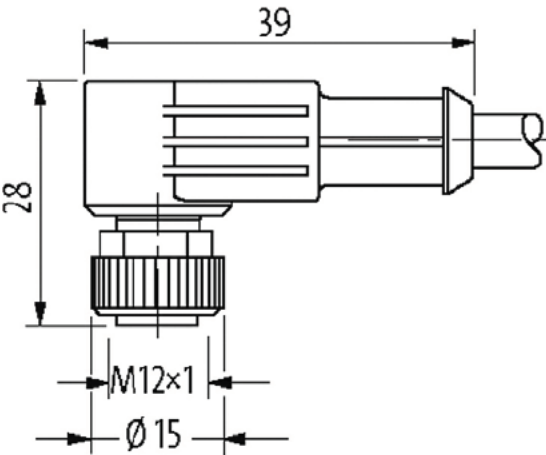
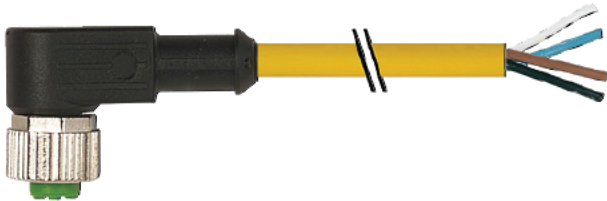
M12 female 90° with cable

PUR 4x0.34 ye UL/CSA 3m

Female 90°  
M12, 4-pole  
Art-No. 7005 - M12 L te - (p ast c hexagona screw) on request  
w th cab e s eeves  
P ast 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



Produc may di er rom mage

Approvals



\* only for products with UL/CSA approved cable

cCSAus

| Form                               |                                                                                                                                            |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Form                               | 234                                                                                                                                        |
| General data                       |                                                                                                                                            |
| Standards                          | DIN EN 6 076 2 0 (M 2)                                                                                                                     |
| Mounting method                    | inserted tightened                                                                                                                         |
| Material (contact)                 | Copper alloy                                                                                                                               |
| Material (contact surface)         | Au                                                                                                                                         |
| Material (gasket)                  | FKM                                                                                                                                        |
| Pollution Degree                   | 3                                                                                                                                          |
| Stripping length (jacket)          | 20 mm                                                                                                                                      |
| Temperature range                  | 25 +85 °C depending on cable quality                                                                                                       |
| Cables                             |                                                                                                                                            |
| No./diameter of wires              | 4 × 0.34 mm <sup>2</sup>                                                                                                                   |
| Wire isolation                     | PVC (br wh bl bk)                                                                                                                          |
| C track properties                 | 2 Mio                                                                                                                                      |
| Material (jacket)                  | PUR/PVC (UL/CSA)                                                                                                                           |
| Outer Ø                            | 5.2 mm ±5%                                                                                                                                 |
| Bend radius (moving)               | 5 × outer Ø                                                                                                                                |
| Temperature range (fixed)          | 30 +80 °C                                                                                                                                  |
| Temperature range (mobile)         | 5 +80 °C                                                                                                                                   |
| Cable identification               | 024                                                                                                                                        |
| Cable Type                         | 2 (PUR/PVC)                                                                                                                                |
| Approval (cable)                   | UL (AWM Style 20549/ 73 ) CSA; CE conform                                                                                                  |
| Cable weight [g/m]                 | 42.68                                                                                                                                      |
| Material (wire)                    | Cu wire bare                                                                                                                               |
| Resistor (core)                    | max 57 Ω/km (20 °C)                                                                                                                        |
| Single wire Ø (core)               | 0.34 mm                                                                                                                                    |
| Construction (core)                | 42 × 0.34 mm (multi strand wire class 6)                                                                                                   |
| Diameter (core)                    | 4 × 0.34 mm <sup>2</sup>                                                                                                                   |
| AWG                                | similar to AWG 22                                                                                                                          |
| 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             | 5.2 mm ±5%                                                                                                                                 |
| Color/numbering of wires           | br bk bl wh                                                                                                                                |
| Stranding combination              | 4 wires twisted                                                                                                                            |
| Shield                             | no                                                                                                                                         |
| Material (jacket)                  | PUR/PVC                                                                                                                                    |
| 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)            | 80 ±5 A (PVC under jacket); 85 ±5 A (PUR jacket)                                                                                           |
| Outer Ø (jacket)                   | 5.2 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 D N 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/s²           |
| Jacket Color                    | yellow               |

**Technical Data**

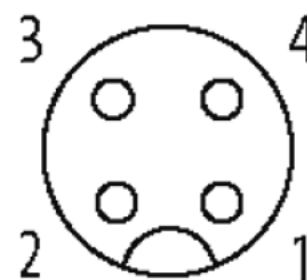
|                                           |                                                                |
|-------------------------------------------|----------------------------------------------------------------|
| Operating voltage                         | max 250 V AC/DC                                                |
| Operating voltage (only UL listed)        | max 30 V AC/DC                                                 |
| Operating current per contact             | max 4 A                                                        |
| Rated surge voltage                       | 2.5 kV                                                         |
| Material group                            | EC 60664 category                                              |
| Coding                                    | A coded                                                        |
| Locking of ports                          | Screw thread (M 2× mm) recommended torque 0.6 Nm self securing |
| Compression gland                         | M 2 (SW 3)                                                     |
| 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) | 0 mm                                                           |

**Commercial data**

|                       |               |
|-----------------------|---------------|
| country of origin     | DE            |
| customs tariff number | 85444290      |
| EAN                   | 4048879207553 |
| eClass                | 272792 8      |
| Packaging unit        |               |

**Sketch**

Female



Product may differ from image