

M12 male 90° with cable

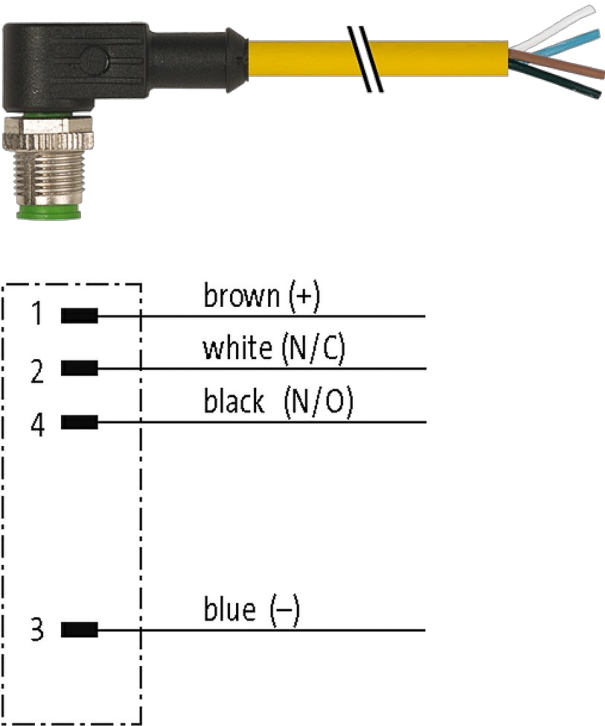
TPE 4x22AWG ye UL/CSA, ITC/PLTC 5m

Male 90°  
M12, 4-pole  
USA

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

Approvals



\* only for products with UL/CSA approved cable

Form

Form 12101

General data

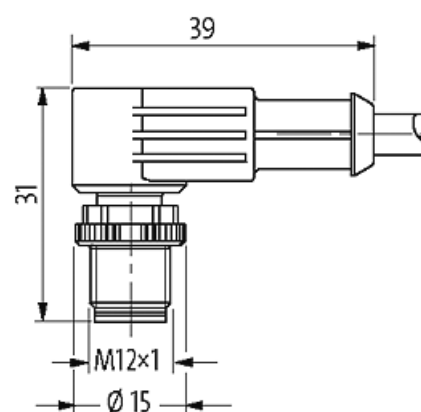
|                           |                                          |
|---------------------------|------------------------------------------|
| Standards                 | DIN EN 61076-2-101 (M12)                 |
| Mounting method           | inserted, tightened                      |
| Pollution Degree          | 3                                        |
| Stripping length (jacket) | 20 mm                                    |
| Temperature range         | -25...+85 °C, depending on cable quality |

| Cables                          |                                                |
|---------------------------------|------------------------------------------------|
| Cable identification            | U04                                            |
| Approval (cable)                | UL (AWM-Style 20626/1731), CSA; CE conform     |
| Cable weight [g/m]              | 49,50                                          |
| Material (wire)                 | Cu wire, bare                                  |
| Resistor (core)                 | max. 46.9 $\Omega$ /km (20 °C)                 |
| Single wire Ø (core)            | 0.16 mm                                        |
| Construction (core)             | 19× 0.16 mm (multi-strand wire class 5)        |
| Diameter (core)                 | 1 × 4× AWG22/19 (0.382)                        |
| Material (wire isolation)       | semi-rigid PVC                                 |
| Wire-Ø incl. isolation          | 1.27m ±5%                                      |
| Color/numbering of wires        | br, bk, bl, wh                                 |
| Stranding combination           | 4 wires twisted                                |
| Material (jacket)               | TPE                                            |
| Outer-Ø (jacket)                | 5.3 mm ±5%                                     |
| Color (jacket)                  | yellow                                         |
| chemical resistance             | good resistance to oil, gasoline and chemicals |
| thermal resistance              | flame retardant                                |
| Nominal voltage                 | 300 V AC                                       |
| Test voltage                    | 2000 V AC                                      |
| Current load capacity           | to DIN VDE 0298-4                              |
| Temperature range (fixed)       | -40...+105 °C                                  |
| Temperature range (mobile)      | -20...+90 °C                                   |
| Bend radius (fixed)             | 5× outer Ø                                     |
| Bend radius (moving)            | 10× outer Ø                                    |
| No. of bending cycles (C-track) | max. 10 Mio. (25 °C)                           |
| Torsion stress                  | ±180°/m                                        |
| Jacket Color                    | yellow                                         |

| Technical Data                            |                                                                  |
|-------------------------------------------|------------------------------------------------------------------|
| Operating voltage                         | max. 250 V AC/DC                                                 |
| Operating voltage (only UL listed)        | max. 30 V AC/DC                                                  |
| Rated surge voltage                       | 2.5 kV                                                           |
| Operating current per contact             | max. 4 A                                                         |
| Material group                            | IEC 60664-1, category I                                          |
| No. of poles                              | 4                                                                |
| Coding                                    | A-coded                                                          |
| Locking of ports                          | Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing |
| Compression gland                         | M12 (SW13)                                                       |
| Protection                                | IP65, IP66K, IP67 inserted and tightened (EN 60529)              |
| Locking material                          | Zinc die casting, matte nickel plated                            |
| suitable for corrugated tube (internal Ø) | 10 mm                                                            |

| Commercial data       |               |
|-----------------------|---------------|
| country of origin     | DE            |
| customs tariff number | 85444290      |
| EAN                   | 4048879750431 |
| eClass                | 27279218      |
| Packaging unit        | 1             |

### Sketch



Male



Product may differ from Image