

**Mini (7/8) 3 pole, Male (Ext.) Straight/Female Straight,**

TPE, TC-ER+FT4, 3x16AWG, yellow, 5m

Male straight – female straight

7/8" – 7/8", 3-pole

Power cable

USA

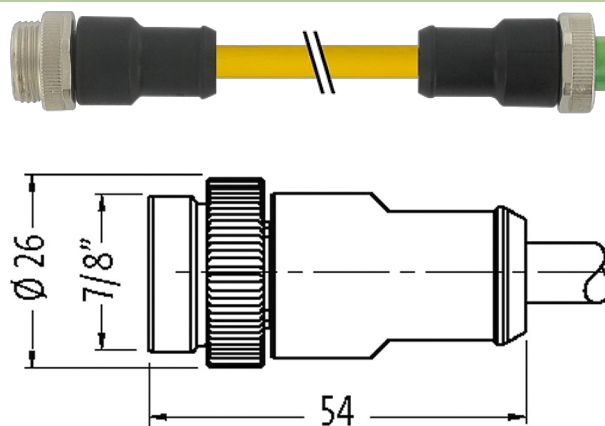
Further cable lengths on request.

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.

### Link to Product

### Illustration



Product may differ from Image

## Approvals



\* only for products with UL/CSA approved cable

## Form

Form A3A01

## General data

Temperature range -25...+80 °C, depending on cable quality

## Cables

|                            |                                |
|----------------------------|--------------------------------|
| No./diameter of wires      | 3× 1.5 mm²                     |
| Wire isolation             | PVC (bk, gn, wh)               |
| Material (jacket)          | TPE (UL/CSA)                   |
| Outer Ø                    | 8.4 mm ±5%                     |
| Bend radius (moving)       | 10× outer Ø                    |
| Temperature range (fixed)  | -50....+105 °C                 |
| Temperature range (mobile) | -20....+90 °C                  |
| Cable identification       | U1B                            |
| Approval (cable)           | UL (AWM-Style 21002/1841), CSA |
| Cable weight [g/m]         | 115,50                         |
| Material (wire)            | Cu wire, bare                  |

|                                     |                                                |
|-------------------------------------|------------------------------------------------|
| Resistor (core)                     | max. 13.2 $\Omega$ /km (20 °C)                 |
| Single wire $\varnothing$ (core)    | 0.16 mm                                        |
| Construction (core)                 | 65× 0.16 mm (multi-strand wire class 6)        |
| AWG                                 | similar to AWG 16                              |
| Material (wire isolation)           | PVC                                            |
| Wire- $\varnothing$ incl. isolation | 2.6 mm $\pm$ 5%                                |
| Color/numbering of wires            | bk, gn, wh                                     |
| Shield                              | no                                             |
| Material (jacket)                   | TPE                                            |
| Outer- $\varnothing$ (jacket)       | 8.4 mm $\pm$ 5%                                |
| Color (jacket)                      | yellow                                         |
| chemical resistance                 | good resistance to oil, gasoline and chemicals |
| thermal resistance                  | flame retardant UL, FT4                        |
| Nominal voltage                     | 600 V                                          |
| Test voltage                        | 6 kV spark test                                |
| Current load capacity               | NEC (National Electric Code)                   |
| Temperature range (fixed)           | -50...+105 °C                                  |
| Temperature range (mobile)          | -20...+90 °C                                   |
| Bend radius (fixed)                 | 8× outer $\varnothing$                         |
| Bend radius (moving)                | 10× outer $\varnothing$                        |
| Torsion stress                      | $\pm$ 90°/m                                    |
| No. of torsion cycles               | 2 Mio.                                         |
| Jacket Color                        | yellow                                         |

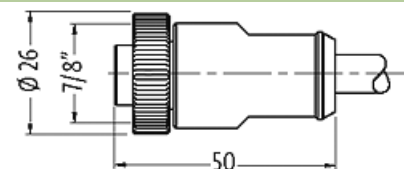
#### Technical Data

|                               |                                                             |
|-------------------------------|-------------------------------------------------------------|
| Operating voltage             | max. 600 V AC/DC                                            |
| Operating current per contact | max. 12 A                                                   |
| Locking of ports              | Screw thread 7/8" (recommended torque 1.5 Nm) self-securing |
| Compression gland             | 7/8" (SW24)                                                 |
| Protection                    | IP68 inserted and tightened (EN 60529)                      |
| Locking material              | Zinc die casting, matte nickel plated                       |
| Material                      | PUR                                                         |

#### Commercial data

|                       |               |
|-----------------------|---------------|
| country of origin     | DE            |
| customs tariff number | 85444290      |
| EAN                   | 4048879645089 |
| eClass                | 27279218      |
| Packaging unit        | 1             |

#### Sketch



Product may differ from Image