

**Mini (7/8) 4 pole, Male (Ext.) 90°/Female 90°**

TPE TC-ER+FT4, 4X16AWG, yellow, 1.5 m

Male 90° – female 90°

7/8" – 7/8", 4-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 A4A31

General data

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

Cables

|                            |                                         |
|----------------------------|-----------------------------------------|
| Cable number               | U1C                                     |
| No./diameter of wires      | 4× 1.5 mm²                              |
| Wire isolation             | PVC (bk, gn, rd, wh)                    |
| Jacket Color               | yellow                                  |
| Material (jacket)          | TPE (UL/CSA)                            |
| Outer Ø                    | 9.0 mm ±5%                              |
| Bend radius (moving)       | 10× outer Ø                             |
| Temperature range (fixed)  | -50...+105 °C                           |
| Temperature range (mobile) | -20...+90 °C                            |
| Cable identification       | U1C                                     |
| Approval (cable)           | UL (AWM-Style 21002/1841), CSA          |
| Cable weight [g/m]         | 117,70                                  |
| Material (wire)            | Cu wire, bare                           |
| Resistor (core)            | max. 13.2 Ω/km (20 °C)                  |
| Single wire Ø (core)       | 0.16 mm                                 |
| Construction (core)        | 65× 0.16 mm (multi-strand wire class 6) |
| Diameter (core)            | 4× 1.5 mm²                              |

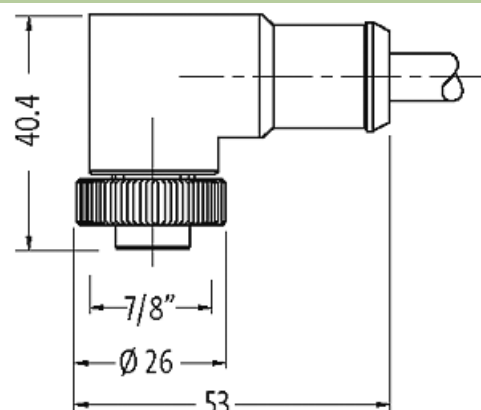
|                            |                                                |
|----------------------------|------------------------------------------------|
| AWG                        | similar to AWG 16                              |
| Material (wire isolation)  | PVC                                            |
| Wire-Ø incl. isolation     | 2.6 mm ±5%                                     |
| Color/numbering of wires   | bk, gn, rd, wh                                 |
| Shield                     | no                                             |
| Material (jacket)          | TPE                                            |
| Outer-Ø (jacket)           | 9.1 mm ±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 Ø                                     |
| Bend radius (moving)       | 10× outer Ø                                    |
| Torsion stress             | ±90°/m                                         |
| No. of torsion cycles      | 2 Mio.                                         |

**Technical Data**

|                               |                                                             |
|-------------------------------|-------------------------------------------------------------|
| Operating voltage             | max. 600 V AC/DC                                            |
| Operating current per contact | max. 9 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**

|                       |          |
|-----------------------|----------|
| customs tariff number | 85444290 |
| Packaging unit        | 1        |

**Sketch**

Product may differ from Image