

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

TPE 4x16AWG ye UL/CSA, TC-ER

Male 90° – female 90°

7/8" – 7/8", 4-pole

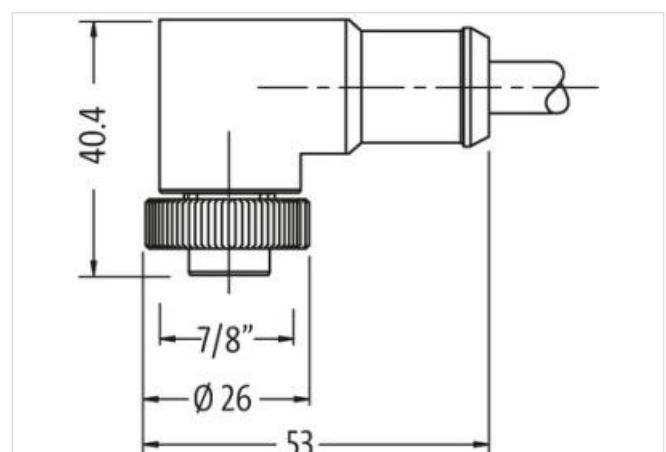
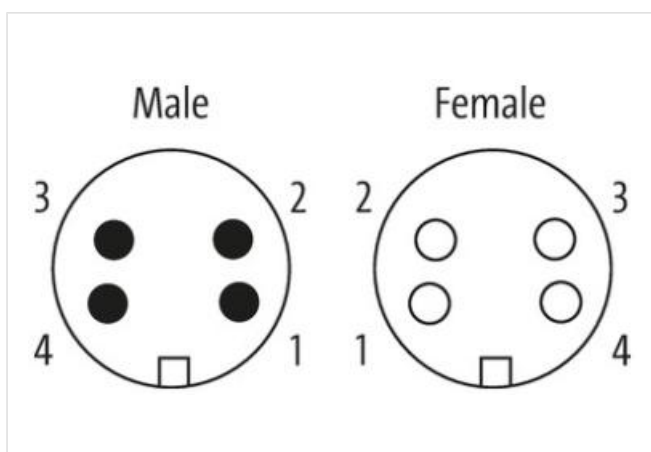
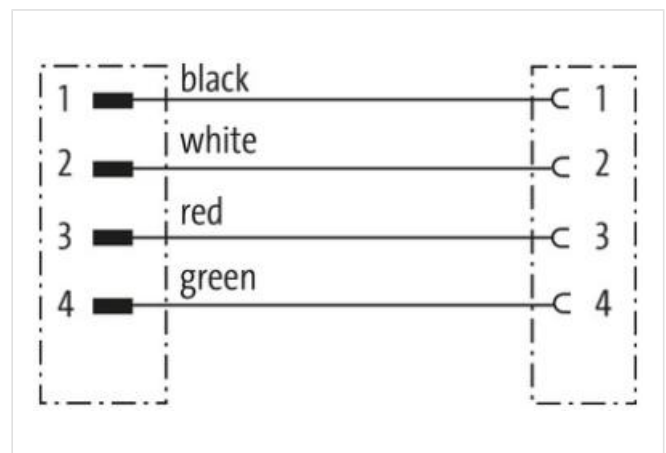
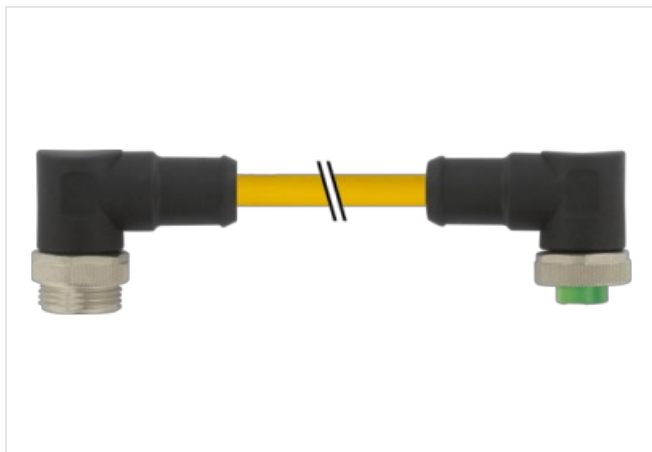
Power cable

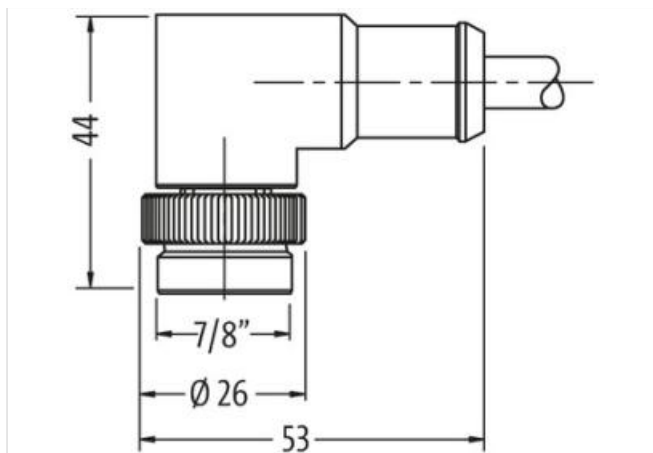
USA

Further cable lengths on request.

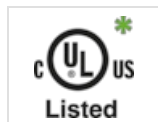
Plastic housings with good resistance against chemicals and oils.

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



* only for products with UL/CSA approved cable

Form

Form A4A31

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 |
| Protection | IP68 inserted and tightened (EN 60529) |
| Material | PUR |
| Locking material | Zinc die casting, matte nickel plated |
| Compression gland | 7/8" (SW24) |

General data

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

Cables

| | |
|---------------------------|---|
| No./diameter of wires | 4x 1.5 mm ² |
| Wire isolation | PVC (bk, gn, rd, wh) |
| Outer Ø | 9.0 mm ±5% |
| Cable identification | U1C |
| Cable number | U1C |
| Approval (cable) | UL (AWM-Style 21002/1841), CSA |
| Cable weight [g/m] | 117,7 g |
| Material (wire) | Cu wire, bare |
| Resistor (core) | max. 13.2 Ω/km (20 °C) |
| Single wire Ø (core) | 0.16 mm |
| Construction (core) | 65x 0.16 mm (multi-strand wire class 6) |
| Diameter (core) | 4x 1.5 mm ² |
| 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 |

The information in this brochure has been compiled with the utmost care.

Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2022-11-13

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| | |
|--|--|
| Jacket Color | 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 (fixed) | -50...+105 °C |
| Temperature range (mobile) | -20...+90 °C |
| Temperature range (mobile) | -20...+90 °C |
| Bend radius (fixed) | 8× outer Ø |
| Bend radius (moving) | 10× outer Ø |
| Bend radius (moving) | 10× outer Ø |
| Torsion stress | ±90°/m |
| Material (jacket) | TPE (UL/CSA) |
| | |
| Product article number of manufacturer | 7700-A4A31-U1C1000 |
| Cable length | 10 m |