

M12 male 0° with cable

TPE 8x22AWG gy UL/CSA. ITC/PLTC 10m

USA

Male straight

M12, 8-pole

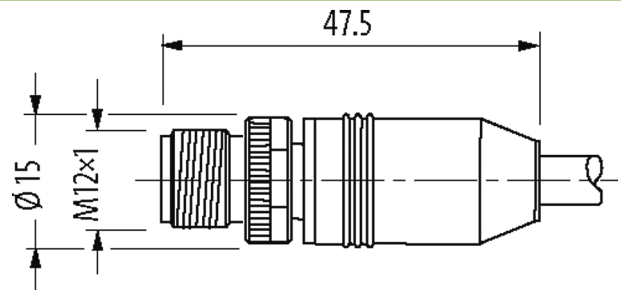
without cable sleeves

Cable is approved for 300 V

Plastic housings with good resistance against chemicals and oils.

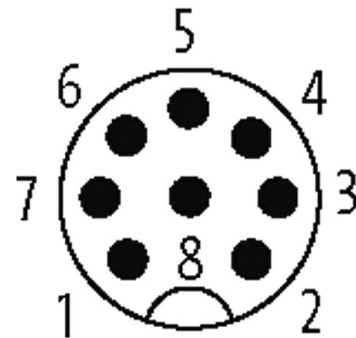
The resistance to aggressive media should be individually tested for your application. Further details on request.

Further cable lengths on request.

[Link to Product](#)**Illustration**

| | |
|---|--------|
| 1 | white |
| 2 | brown |
| 3 | green |
| 4 | yellow |
| 5 | gray |
| 6 | pink |
| 7 | blue |
| 8 | red |

Male



Product may differ from Image



* only for products with UL/CSA approved cable

Form

Form 17001

Technical Data

| | |
|------------------------------------|-------------------------|
| Operating voltage | max. 30 V AC/DC |
| Operating voltage (only UL listed) | max. 30 V AC/DC |
| Rated surge voltage | 0.8 kV |
| Operating current per contact | max. 2 A |
| Material group | IEC 60664-1, category I |

| | |
|---|--|
| 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 |
| Material | PUR |
| suitable for corrugated tube (internal Ø) | without |

General data

| | |
|---------------------------|--|
| Standards | DIN EN 61076-2-101 (M12) |
| Mounting method | inserted, tightened |
| Pollution Degree | 3 |
| Stripping length (jacket) | 60 mm |
| Temperature range | -25...+85 °C, depending on cable quality |

Cables

| | |
|---------------------------------|--|
| Cable identification | U2H |
| Approval (cable) | UL (AWM-Style 20626/1731), CSA; CE conform |
| Cable weight [g/m] | 70,40 |
| Material (wire) | Cu wire, bare |
| Resistor (core) | max. 46.9 Ω/km (20 °C) |
| Single wire Ø (core) | 0.16 mm |
| Construction (core) | 19× 0.16 mm (multi-strand wire class 5) |
| Diameter (core) | 1 × 8× AWG22/19 (0.382) |
| Material (wire isolation) | semi-rigid PVC |
| Wire-Ø incl. isolation | 1.27m ±5% |
| Color/numbering of wires | br, wh, rd, bl, pk, gr, ye, gn |
| Stranding combination | 8 wires twisted around central filler |
| Material (jacket) | TPE |
| Outer-Ø (jacket) | 6.7 mm ±5% |
| Color (jacket) | gray |
| 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 | gray |

Commercial data

| | |
|-----------------------|---------------|
| country of origin | DE |
| customs tariff number | 85444290 |
| EAN | 4048879763080 |
| eClass | 27279218 |
| Packaging unit | 1 |