

M12 male 0° B-cod. with cable shielded

PVC 1x2xAWG24 shielded vt UL/CSA 1m

PROFIBUS

Male straight

M12, 2-pole

B-coded

shielded

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.

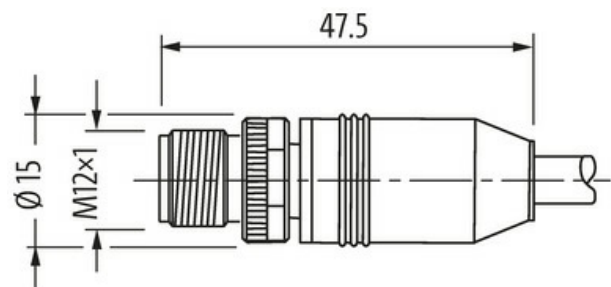
Further cable lengths on request.

[Link to Product](#)

Illustration



Male



Product may differ from Image



* only for products with UL/CSA approved cable

| Form | |
|---|--|
| Form | 14051 |
| Technical Data | |
| Operating voltage | max. 60 V AC/DC |
| Operating voltage (only UL listed) | max. 30 V AC/DC |
| Rated surge voltage | 1.5 kV |
| Operating current per contact | max. 4 A |
| Material group | IEC 60664-1, category I |
| Coding | B-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) |
| Material | PUR |
| Locking material | Zinc die casting, matte nickel plated |
| 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) | 20 mm |
| Temperature range | -25...+85 °C, depending on cable quality |
| Cables | |
| No./diameter of wires | 1 × 2 × 0.25 mm ² |
| Wire isolation | PE (rd, gn) |
| C-track properties | 2 Mio. |
| Outer Ø | 7.8 mm ±5% |
| Cable identification | 850 |
| Cable weight [g/m] | 75,9 g |
| Material (wire) | Cu wire, bare |
| Resistor (core) | max. 68 Ω/km (20 °C) |
| Single wire Ø (core) | 0.13 mm |
| Construction (core) | 19 × 0.13 mm |
| Diameter (core) | 1 × 2 × 0.25 mm ² |
| AWG | similar to AWG 24 |
| Material (wire isolation) | PE |
| Wire-Ø incl. isolation | 2.55 mm ±5% |
| Color/numbering of wires | rd, gn |
| Shield | yes |
| optical shield cover | min. 70% |
| Material (jacket) | PVC |
| Outer-Ø (jacket) | 7.8 mm ±5% |
| Color (jacket) | violet |
| Jacket Color | violet |
| Nominal voltage | 30 V AC |
| Test voltage | 1.5 kV |
| Temperature range (fixed) | -25...+70 °C |
| Temperature range (fixed) | -25...+70 °C |
| Temperature range (mobile) | -20...+50 °C |
| Temperature range (mobile) | -20...+50 °C |

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: 03/22

| | |
|---------------------------------|-------------------------|
| Bend radius (fixed) | 7.5× outer Ø |
| Bend radius (moving) | 12× outer Ø |
| Bend radius (moving) | 12× outer Ø |
| No. of bending cycles (C-track) | max. 2 Mio. (25 °C) |
| Travel speed (C-track) | max. 3 m/s |
| Acceleration (C-track) | max. 5 m/s ² |
| Material (jacket) | PVC (UL) |

Commercial data

| | |
|-----------------------|---------------|
| country of origin | DE |
| customs tariff number | 85444290 |
| EAN | 4048879545808 |
| eClass | 27061801 |
| Packaging unit | 1.000 |