

M12 male 0° D-cod. with cable shielded

PUR 1x4xAWG22 shielded gn UL/CSA+drag ch. 15m

Transmission properties with channel transmission up to 100 m

Ethernet CAT5

Cable is approved for 600 V

Male straight

M12, 4-pole

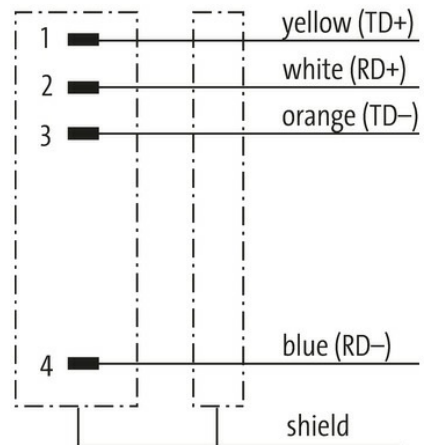
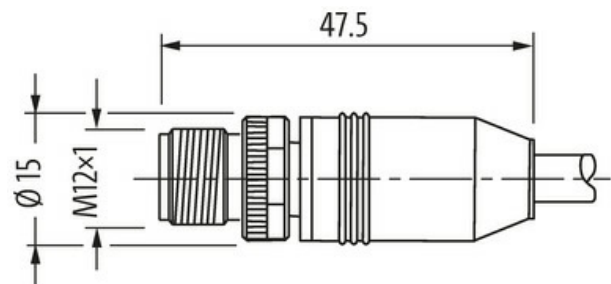
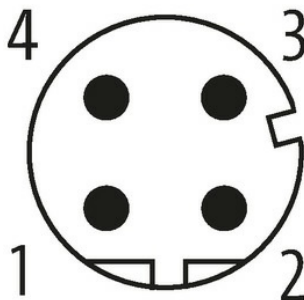
D-coded

shielded

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****Male**

Product may differ from Image



* only for products with UL/CSA approved cable

| Form | |
|---|--|
| Form | 14541 |
| Technical Data | |
| Operating voltage | max. 60 V DC |
| Operating voltage (only UL listed) | max. 30 V DC |
| Rated surge voltage | 1.5 kV |
| Operating current per contact | max. 4 A |
| Transfer parameters | CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) |
| Transfer rate | up to 100 Mbit/s full duplex |
| Material group | IEC 60664-1, category I |
| Coding | D-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) |
| Pollution Degree | 3 |
| Temperature range | -25...+85 °C, depending on cable quality |
| Cables | |
| Cable identification | 659 |
| Approval (cable) | UL (AWM-Style 20234/10988), CSA; CE |
| Cable weight [g/m] | 89,1 g |
| Material (wire) | Cu wire, bare |
| Resistor (core) | max. 55 Ω/km (20 °C) |
| Diameter (core) | 1 × 4 × AWG22/7 |
| AWG | similar to AWG 22 |
| Material (wire isolation) | PE |
| Wire-Ø incl. isolation | 1.4 mm ±5% |
| Color/numbering of wires | wh, ye, bl, or |
| Shield | yes |
| optical shield cover | min. 85% |
| Material (jacket) | PUR |
| Outer-Ø (jacket) | 7.4 mm ±5% |
| Color (jacket) | green |
| chemical resistance | good resistance to oil, gasoline and chemicals |
| thermal resistance | flame retardant |
| Nominal voltage | 600 V |
| Temperature range (fixed) | -40...+80 °C |
| Temperature range (mobile) | -30...+70 °C |
| Bend radius (fixed) | 5 × outer Ø |
| Bend radius (moving) | 12 × outer Ø |
| No. of bending cycles (C-track) | max. 2 Mio. (25 °C) |
| Travel speed (C-track) | max. 3.3 m/s |
| Acceleration (C-track) | max. 2 m/s ² |
| Commercial data | |
| country of origin | DE |

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

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|-----------------------|---------------|
| customs tariff number | 85444290 |
| EAN | 4048879731263 |
| eClass | 27061801 |
| Packaging unit | 1.000 |