MURR ELEKTRONIK
stay connected

**M12 male 0° / M12 male 0° shielded Y-cod. hybrid**

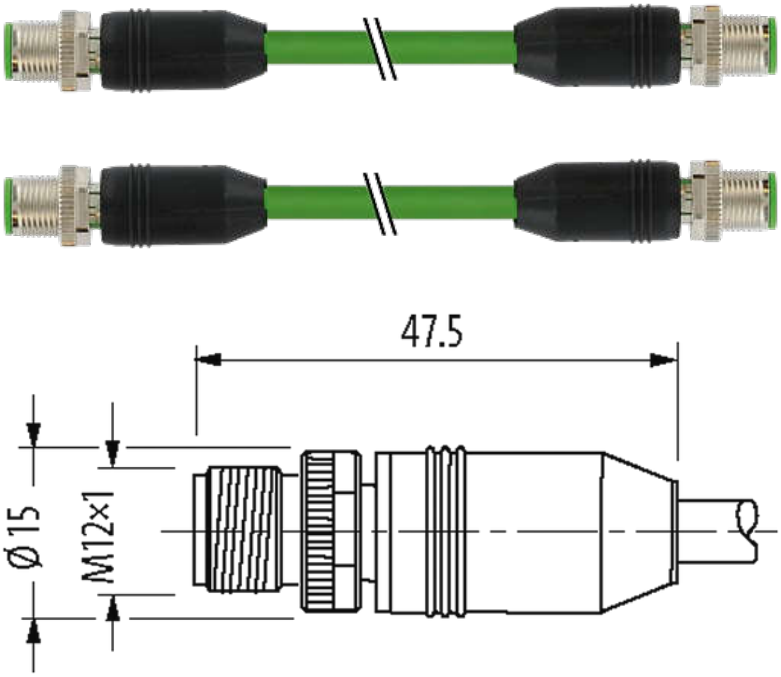
PUR AWG20+26 shielded gn UL/CSA+robot+drag ch 10m

Ethernet CAT5
Male straight - male straight
M12 - M12, 8-pole
Y-coded
shielded

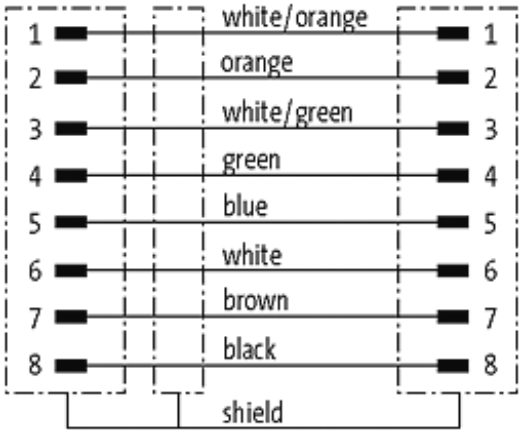
Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

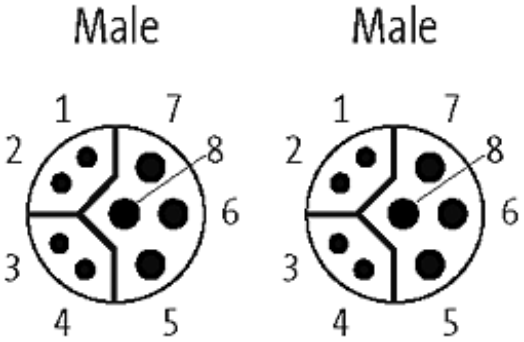
## Link to Product

**Illustration**




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Product may differ from Image

## Approvals

* only for products with UL/CSA approved cable

## Form

| | |
|---|---|
| Form | 47001 |

## Cables

| | |
|---|---|
| Cable number | 831 |
| No./diameter of wires | 4×AWG20/19 (0.615) + 1×(4×AWG26/19) (0.155) |
| Wire isolation | PP (whor, or, whgn, gn, bk, br, wh, bl) |
| C-track properties | 5 Mio. |
| Torsion stress | 2 Mio. ±30°/m |
| Jacket Color | green |
| Material (jacket) | PUR (UL/CSA) |
| Outer Ø | 8.1 mm ±5% |
| Bend radius (fixed) | 5 × outer Ø |
| Bend radius (moving) | 10 × outer Ø |
| Temperature range (fixed) | -50...+80 °C |
| Temperature range (mobile) | -40...+80 °C |
| Shield | yes |

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stay connected

| Technical Data | |
|---|---|
| Operating voltage | max. 50 V AC/DC |
| Operating voltage (only UL listed) | max. 30 V DC |
| Rated surge voltage | 0.8 kV |
| Operating current per contact | max. 0.5 A/max. 6 A |
| Material group | IEC 60664-1, category I |
| Transfer parameters | CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) |
| Transfer rate | to 100 Mbit/s Full Duplex |
| Coding | Y-coded |
| Locking of ports | Screw thread M12 × 1 mm (recommended torque 0.6 Nm) self-securing |
| Compression gland | M12 (SW13) |
| Protection | IP65 and IP67 when plugged and screwed down (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) |
| Pollution Degree | 3 |
| Temperature range | -25...+85 °C, depending on cable quality |
| **Commercial data** | |
| country of origin | DE |
| customs tariff number | 85444290 |
| EAN | 4048879519649 |
| eClass | 27061801 |
| Packaging unit | 1 |

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