

M8 male 90° / M8 male 90°, shielded, EC

PUR 1x4xAWG26 shielded gn UL/CSA+drag chain 1,5m

Ethernet CAT5

Male 90° – male 90°

M8 – M8, 4-pole

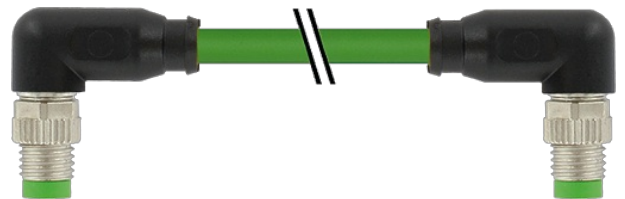
shielded

Attention: Contact carrier turned to 180°!

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

Approvals**More Info****Form**

Form 89772

General data

| | |
|-------------------|--|
| Pollution Degree | 3 |
| Temperature range | -25...+85 °C, depending on cable quality |

Cables

| | |
|----------------------------|------------------------------|
| No./diameter of wires | 1 × 4 × 0.15 mm ² |
| Wire isolation | PO (wh, ye, bl, or) |
| C-track properties | 5 Mio. |
| Material (jacket) | PUR (UL/CSA) |
| Outer Ø | 4.9 mm ±5% |
| Bend radius (moving) | 12× outer Ø |
| Temperature range (fixed) | -20...+80 °C |
| Temperature range (mobile) | -20...+50 °C |
| Cable identification | 791 |

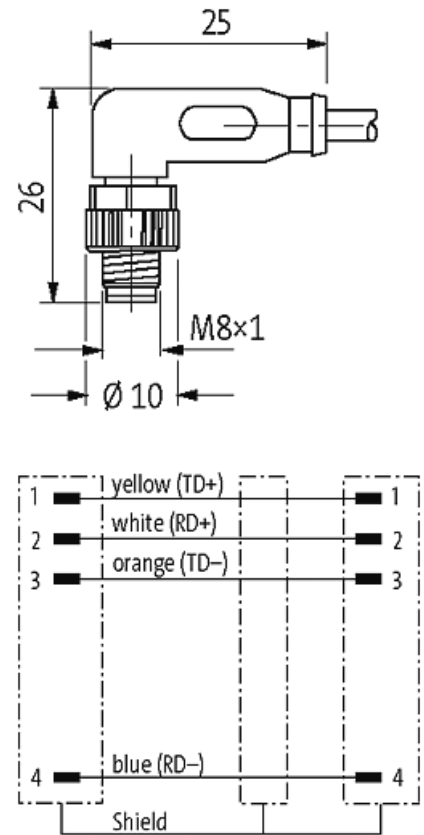
| | |
|-------------------------------------|---|
| Approval (cable) | UL (AWM-Style 20236/1589), CSA; CE |
| Cable weight [g/m] | 59,40 |
| Material (wire) | Cu wire, bare |
| Resistor (core) | max. 139.3 Ω /km (20 °C) |
| Single wire \varnothing (core) | 0.15 mm |
| Construction (core) | 19× 0.15 mm (multi-strand wire class 5) |
| Diameter (core) | 1 × 4× AWG26 |
| AWG | similar to AWG 26 |
| Material (wire isolation) | PO |
| Wire- \varnothing incl. isolation | 1.0 mm \pm 5% |
| Color/numbering of wires | wh, or, bl, ye |
| Stranding combination | 4 wires twisted |
| Shield | yes |
| | min. 85% |
| Material (jacket) | PUR |
| Material property (jacket) | CFC-, halogen-, cadmium-, silicone- and lead-free |
| Outer- \varnothing (jacket) | 4.9 mm \pm 5% |
| Color (jacket) | green |
| chemical resistance | good resistance to oil, gasoline and chemicals |
| thermal resistance | flame retardant |
| Temperature range (fixed) | -20...+80 °C |
| Temperature range (mobile) | -20...+50 °C |
| Bend radius (fixed) | 7.5× outer \varnothing |
| Bend radius (moving) | 12× outer \varnothing |
| No. of bending cycles (C-track) | max. 5 Mio. (25 °C) |
| Traversing distance (C-track) | max. 5 m (horizontal) |
| Travel speed (C-track) | max. 300 m/min |
| Acceleration (C-track) | max. 5 m/s ² |
| Jacket Color | green |

Technical Data

| | |
|--|---|
| Operating voltage | max. 30 V AC/DC |
| Operating current per contact | max. 4 A |
| Material group | IEC 60664-1, category I |
| Transfer parameters | CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) |
| Transfer rate | up to 100 Mbit/s full duplex |
| Locking of ports | Screw thread (M8×1 mm) recommended torque 0.4 Nm, self-securing |
| Compression gland | M8 (SW9) |
| Protection | IP66K, IP67 inserted and tightened (EN 60529) |
| Locking material | Zinc die casting, nickel-plated |
| Material | PUR |
| suitable for corrugated tube (internal \varnothing) | 6.5 mm |
| Rated surge voltage | 0.8 kV |

Commercial data

| | |
|-----------------------|---------------|
| country of origin | DE |
| customs tariff number | 85444290 |
| EAN | 4048879611084 |
| eClass | 27061801 |
| Packaging unit | 1 |

Sketch

Product may differ from Image