**M8 male 0° / M8 female 0° A-cod. shielded**

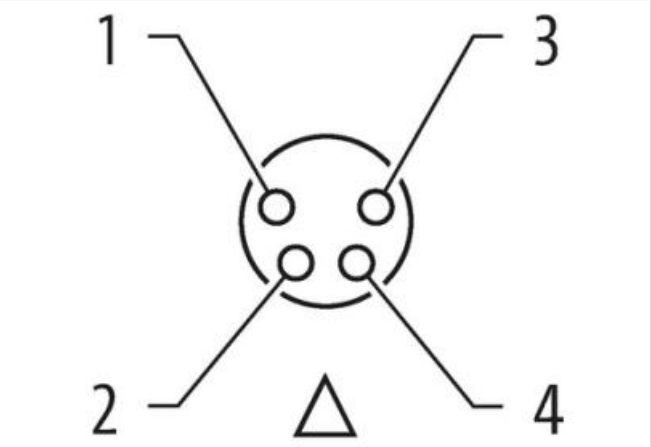
PUR 1x4xAWG26 shielded gn UL/CSA+drag ch. 7.5m

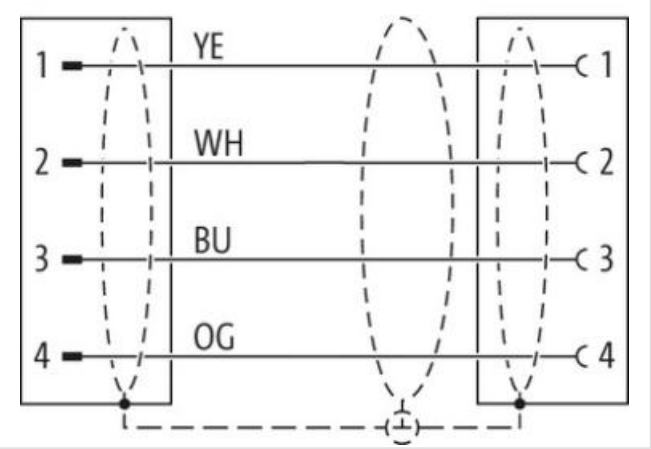
EtherCAT
Male straight – female straight
M8 – M8, 4-pole
A-Coded
shielded
Further cable lengths on request.
Plastic housings with good resistance against chemicals and oils.
The resistance to aggressive media should be individually tested for your application. Further details on request.

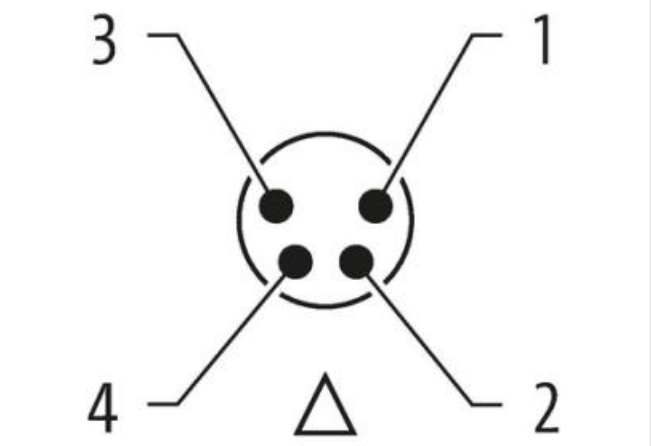
**Link to Product**

**Illustration**



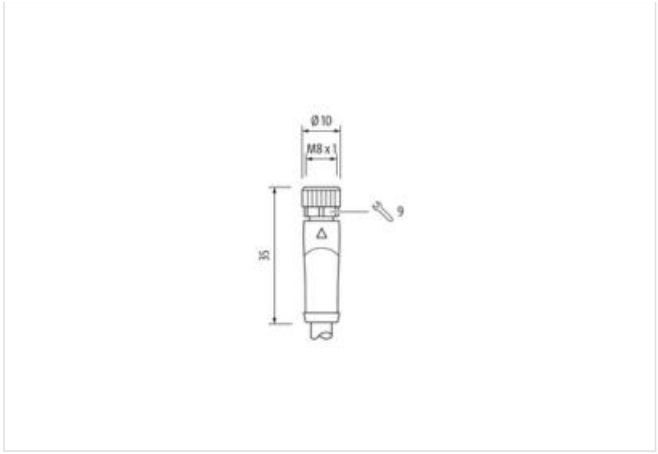


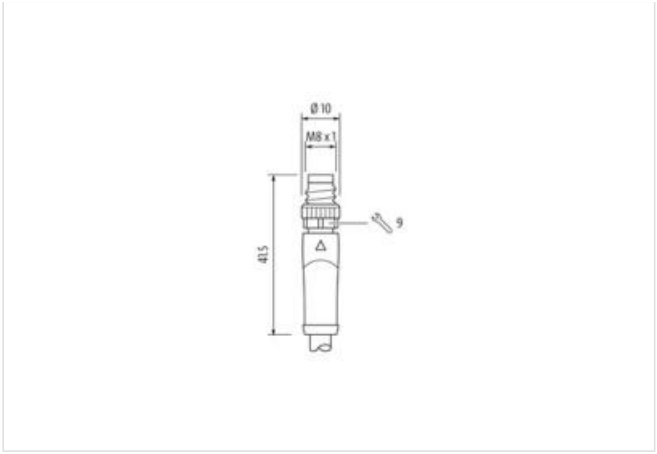




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Product may differ from Image

| | |
|---|---|
| Cable length | 7,5 m |
| **Side 1** | |
| Tightening torque | 0,4 Nm |
| Family construction form | M8 |
| Thread | M8 x 1 |
| suitable for corrugated tube (internal Ø) | 8,5 mm |
| Coding | A |
| No. of poles | 4 |
| Width across flats | SW9 |
| **Side 2** | |
| Family construction form | M8 |
| Thread | M8 x 1 |
| Coding | A |
| No. of poles | 4 |
| **Commercial data** | |
| ECLASS-6.0 | 27061801 |
| ECLASS-6.1 | 27060307 |
| ECLASS-7.0 | 27060307 |
| ECLASS-8.0 | 27060307 |
| ECLASS-9.0 | 27060307 |
| ECLASS-10.1 | 27060307 |
| ECLASS-11.1 | 27060307 |
| ECLASS-12.0 | 27060307 |
| ETIM-5.0 | EC001855 |
| customs tariff number | 85444290 |
| GTIN | 4048879806572 |
| Packaging unit | 1 |
| **Electrical data \| Supply** | |
| Operating voltage AC max. | 50 V |
| Operating voltage DC max. | 60 V |
| Operating voltage AC (UL-listed) | 30 V |
| Operating voltage DC (UL-listed) | 30 V |

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| | |
|---|---|
| Current operating per contact max. | 4 A |
| **Industrial communication** | |
| Transfer parameters | With reference to CAT5, Class D (ISO/IEC 11801) |
| **Device protection \| Electrical** | |
| Degree of protection (EN IEC 60529) | IP67 |
| Additional condition protection degree | inserted, screwed |
| Pollution Degree | 3 |
| Rated surge voltage | 1,5 kV |
| Material group (IEC 60664-1) | I |
| **Mechanical data \| Material data** | |
| Coating locking | Nickeled |
| Material gasket | FKM |
| Material housing | PUR |
| Locking material | Zinc die-casting |
| **Mechanical data \| Mounting data** | |
| Mounting method | inserted, screwed, Shaking protection |
| **Environmental characteristics \| Climatic** | |
| Operating temperature min. | -25 °C |
| Operating temperature max. | 85 °C |
| Additional condition temperature range | depending on cable quality |
| **Conformity** | |
| Product standard | DIN EN 61076-2-114 (M8) |
| **Installation \| Cable** | |
| Cable identification | 791 |
| Jacket Color | green |
| Type of Certificate | cURus |
| Amount stranding | 1 |
| Stranding | 4 wires star-shaped twisted |
| Cable shielding (type) | copper braid, tinned |
| Cable shielding (coverage) | 85 % |
| Banding | Fiber tape, Fleece, Foil |
| Filler | yes |
| wire arrangement | white, orange, blue, yellow |
| Cable weigth | 59,4 g/m |
| Material jacket | PUR |
| Freedom from ingredients (jacket) | lead-free, CFC-free, halogen-free |
| Outer-diameter (jacket) | 4,9 mm |
| Tolerance outer diameter (sheath) | ± 5 % |
| Material wire insulation | PP |
| Amount wires | 4 |
| Outer diameter insulation | 1,04 mm |
| Outer diameter tolerance core insulation | ± 5 % |
| Ingredient freeness wire insulation | lead-free, CFC-free, halogen-free |
| Amount strands (wire) | 19 |
| Diameter of single wires | 26 AWG |
| Conductor crosssection (wire) | 26 AWG |
| Material conductor wire | copper stranded wire, tinned |
| Traversing distance (C-track) | 5 m |
| Current load capacity (standard) | to DIN VDE 0298-4 |
| Current load capacity min. wire | 2,4 A |
| Characteristic impedance | 100 Ω ± 15 % @ 100 MHz |

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| | |
|---|---|
| Electrical resistance line constant wire | 140 Ω/km |
| Nominal voltage power AC max. | 300 V |
| Electric capacitance (power) | 51000 pF/km |
| AC withstand voltage power (wire - shield) | 0,7 kV @ 60 s |
| Power frequency withstand voltage power (wire - jacket) | 0,7 kV @ 60 s |
| AC withstand voltage power (wire - wire) | 0,7 kV @ 60 s |
| Min. operating temperature (static) | -40 °C |
| Max. operating temperature (fixed) | 80 °C |
| Operating temperature min. (dynamic) | -30 °C |
| Operating temperature max. (dynamic) | 70 °C |
| Flame resistance | IEC 60332-2-2 \| UL 1581 § 1100 FT2 \| UL 1581 § 1090 |
| chemical resistance | Good, application-related testing |
| Gasoline resistance | Good, application-related testing |
| Oil resistance | DIN EN 60811-404 \| Good, application-related testing |
| Bending radius (fixed) | 7,5 x Outer diameter |
| Bending radius (dynamic) | 12,5 x Outer diameter |

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