MURR ELEKTRONIK
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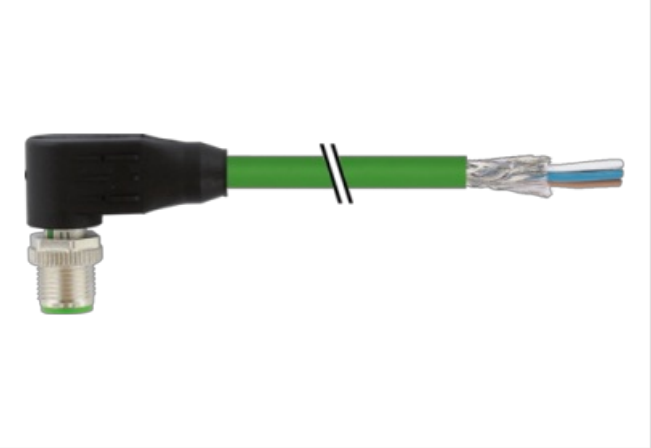
**M12 male 90° D-cod. with cable shielded**

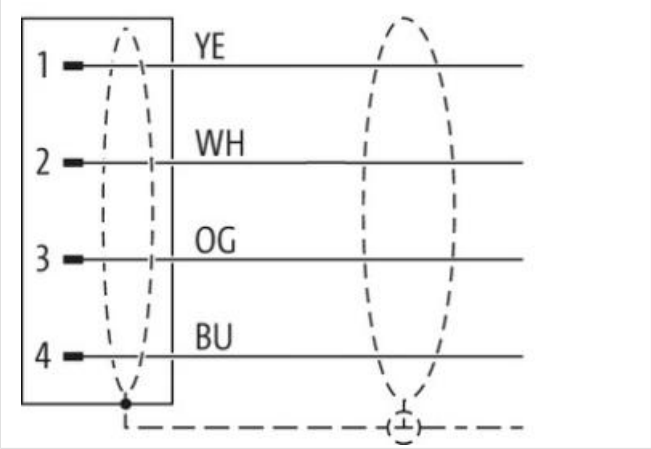
PUR 1x4xAWG22 shielded gn UL/CSA+torsion 3m

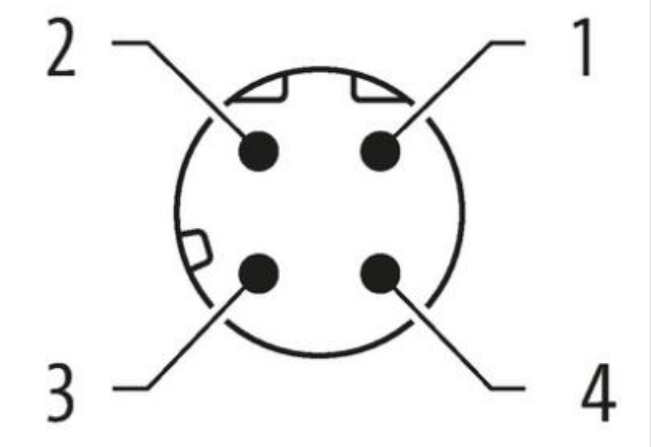
Ethernet CAT5
Male 90°
M12, 4-pole
D-coded
shielded
Transmission properties with channel transmission up to 100 m
Further cable lengths on request.
Plastic housings with good resistance against chemicals and oils.
The resistance to aggressive media should be individually tested for your application. Further details on request.

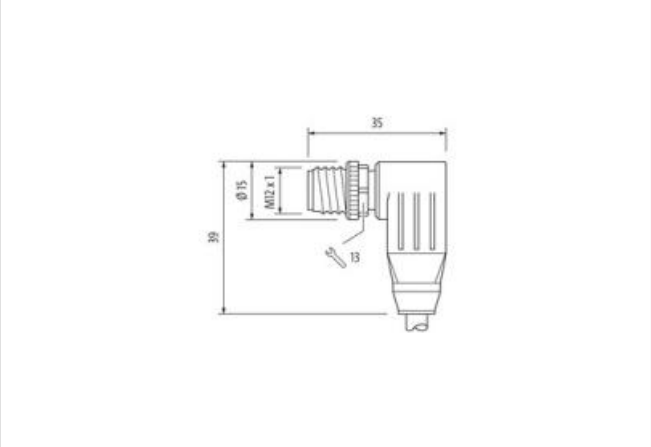
**Link naar het product**

**Afbeelding**






Product van afwijken van afbeelding

| | |
|---|---|
| Cable length | 3 m |

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| | |
|---|---|
| **Side 1** | |
| Tightening torque | 0,6 Nm |
| Mounting method | inserted, screwed |
| Family construction form | M12 |
| Thread | M12 x 1 |
| Coding | D |
| Material | PUR |
| Width across flats | SW13 |
| Degree of protection (EN IEC 60529) | IP65, IP66K, IP67 |
| **Side 2** | |
| Stripping length (jacket) | 20 mm |
| **Commerciële gegevens** | |
| 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 | EC002599 |
| Douane tarief nummer | 85444290 |
| GTIN | 4048879379281 |
| Verpakkingseenheid | 1 |
| **Electrical data \| Supply** | |
| Operating voltage DC max. | 60 V |
| Current operating per contact max. | 1,5 A |
| **Industrial communication** | |
| Transfer parameters | CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) |
| Data transmission rate max. | 100 MBit/s |
| **Industrial communication \| Ethernet functionality** | |
| duplex | Full duplex |
| **Installation \| Connection** | |
| Stripping length (jacket) | 20 mm |
| Mounting set | M12 x 1 |
| **Device protection \| Electrical** | |
| Additional condition protection degree | inserted, screwed |
| Pollution Degree | 3 |
| Rated surge voltage | 1,5 kV |
| Material group (IEC 60664-1) | I |
| **Mechanical data** | |
| Contour for corrugated hose | without |
| **Mechanical data \| Material data** | |
| Coating locking | Nickeled |
| Coating of fitting | nickel plated |
| Locking material | Zinc die-casting |
| Material screw connection | Zinc die-casting |
| **Mechanical data \| Mounting data** | |
| Mounting method | inserted, screwed, Shaking protection |
| **Environmental characteristics \| Climatic** | |

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| | |
|---|---|
| Operating temperature min. | -25 °C |
| Operating temperature max. | 85 °C |
| Additional condition temperature range | depending on cable quality |
| **Conformity** | |
| Product standard | DIN EN 61076-2-101 (M12) |
| **Installation \| Cable** | |
| Cable identification | 793 |
| Jacket Color | green |
| Type of Certificate | cURus |
| Amount stranding | 1 |
| Stranding | 4 wires around Filler twisted |
| Cable shielding (type) | copper braid, tinned |
| Cable shielding (coverage) | 85 % |
| Banding | Fleece, Foil |
| Filler | yes |
| wire arrangement | white, yellow, blue, orange |
| Cable weigth | 69,3 g/m |
| Material jacket | PUR |
| Shore hardness jacket | 90 Shore A |
| Freedom from ingredients (jacket) | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
| Outer-diameter (jacket) | 6,6 mm |
| Tolerance outer diameter (sheath) | ± 5 % |
| Material wire insulation | PE |
| Amount wires | 4 |
| Outer diameter insulation | 1,6 mm |
| Outer diameter tolerance core insulation | ± 5 % |
| Shore hardness wire insulation | 65 Shore D |
| Ingredient freeness wire insulation | lead-free, CFC-free, halogen-free |
| Amount strands (wire) | 19 |
| Diameter of single wires | 22 AWG |
| Conductor crosssection (wire) | 22 AWG |
| Material conductor wire | copper stranded wire, tinned |
| Current load capacity (standard) | to DIN VDE 0298-4 |
| Current load capacity min. wire | 4,8 A |
| Characteristic impedance | 100 Ω ± 15 % MHz |
| Electrical resistance line constant wire | 59,4 Ω/km @ 20 °C |
| Nominal voltage power AC max. | 300 V |
| Electrical capacity line constant (wire - wire) (power) | 52000 pF/km |
| AC withstand voltage power (wire - shield) | 2 kV @ 60 s |
| Power frequency withstand voltage power (wire - jacket) | 2 kV @ 60 s |
| AC withstand voltage power (wire - wire) | 2 kV @ 60 s |
| Min. operating temperature (static) | -40 °C |
| Max. operating temperature (fixed) | 80 °C |
| Operating temperature min. (dynamic) | -20 °C |
| Operating temperature max. (dynamic) | 60 °C |
| Flame resistance | IEC 60332-2-2 \| UL 1581 § 1090 \| UL 1581 § 1100 FT2 |
| chemical resistance | Good, application-related testing |
| Gasoline resistance | Good, application-related testing |
| Oil resistance | Good, application-related testing \| DIN EN 60811-404 |
| Bending radius (fixed) | 8 x Outer diameter |
| Bending radius (dynamic) | 12 x Outer diameter |
| No. of torsion cycles | 4 Mio. |

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| | |
|---|---|
| Torsion stress | ± 180 °/m |

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