

M12 male 0° D-cod. with cable shielded

PUR 1x4xAWG22 shielded gn UL/CSA 17.4m

Ethernet CAT5

Transmission properties with channel transmission up to 100 m

Male straight

M12, 4-pole

D-coded

shielded

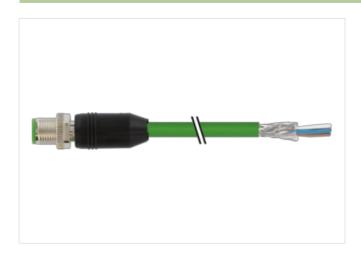
Further cable lengths on request.

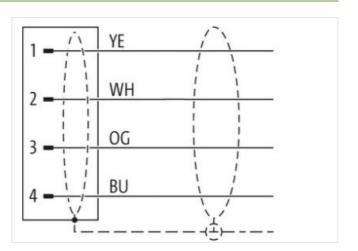
Plastic housings with good resistance against chemicals and oils.

The resistance to aggressive media should be individually tested for your application. Further details on request.

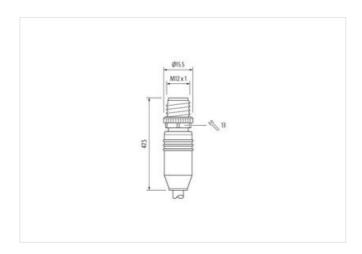
Link to Product

Illustration









Product may differ from Image











Cable length

17,4 m



stay connected

| 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 |
| 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 | EC002599 |
| customs tariff number | 85444290 |
| GTIN | 4065909003503 |
| Packaging unit | 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 fund | ctionality |
| duplex | Full duplex |
| Installation Connection | |
| 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 | |
| • | |
| Operating temperature min. | -25 °C 85 °C |
| Operating temperature max. | |
| Additional condition temperature range | depending on cable quality |

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-19



stay connected

| lote on strain relief | Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. |
|---|---|
| lote on bending radius | Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. |
| Conformity | |
| roduct standard | DIN EN 61076-2-101 (M12) |
| Installation Cable | |
| Cable identification | 794 |
| acket Color | |
| Type of Certificate | cURus |
| mount stranding | 1 |
| tranding | 4 wires around Filler twisted |
| | |
| Cable shielding (type) Cable shielding (coverage) | copper braid, tinned 85 % |
| | |
| anding iller | Fleece, Foil |
| | white, yellow, blue, orange |
| rire arrangement | |
| Cable weigth | 75,87 g/m PUR |
| faterial jacket | |
| hore hardness jacket reedom from ingredients (jacket) | 89 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
| | |
| Outer-diameter (jacket) | 6,7 mm |
| olerance outer diameter (sheath) | ±5% |
| Material inner jacket | FRNC |
| color (inner jacket) | white |
| laterial wire insulation | PE . |
| mount wires | 4 |
| Outer diameter insulation | 1,55 mm |
| Outer diameter tolerance core insulation | ±5% |
| hore hardness wire insulation | 65 Shore D |
| ngredient freeness wire insulation | lead-free, CFC-free, halogen-free |
| mount strands (wire) | 7 |
| liameter of single wires | 22 AWG |
| conductor crosssection (wire) | 22 AWG |
| laterial conductor wire | Stranded copper wire, bare |
| lominal voltage AC max. | 300 V |
| current load capacity (standard) | to DIN VDE 0298-4 |
| current load capacity min. wire | 4,8 A |
| characteristic impedance | 100 Ω ± 15 % |
| lectrical resistance line constant wire | 55 Ω/km @ 20 °C |
| C withstand voltage (wire - wire) | 2 kV @ 60 s |
| lectrical capacity line constant (wire - wire) | 52000 pF/km |
| ower frequency withstand voltage (wire - cket) | 2 kV @ 60 s |
| C withstand voltage (wire - shield) | 2 kV @ 60 s |
| fin. operating temperature (static) | -40 °C |
| lax. operating temperature (fixed) | 80 °C |
| perating temperature min. (dynamic) | -30 °C |
| perating temperature max. (dynamic) | 70 °C |
| lame resistance | UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2 |
| hemical resistance | Good, application-related testing |
| asoline resistance | Good, application-related testing |
| oil resistance | Good, application-related testing DIN EN 60811-404 |
| ending radius (fixed) | 6 x Outer diameter |

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Bending radius (dynamic)

12 x Outer diameter