

M12 male 0° D-cod. with cable shielded

PUR 1x4xAWG22 shielded gn UL/CSA+drag ch. 6.5m

Product fulfills requirements according to UN/ECE R118

Ethernet CAT5

Transmission properties with channel transmission up to 100 m

Male straight

M12, 4-pole

D-coded

shielded

Further cable lengths on request.

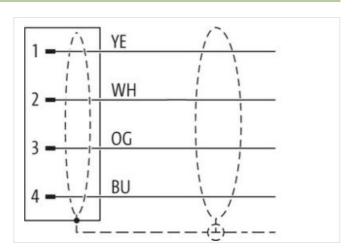
Plastic housings with good resistance against chemicals and oils.

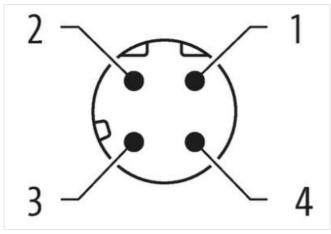
The resistance to aggressive media should be individually tested for your application. Further details on request.

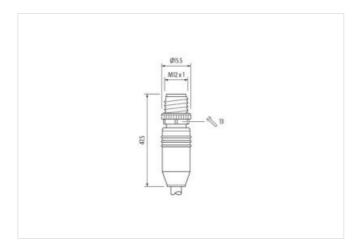
Link to Product

Illustration









Product may differ from Image













| Cable length | 6,5 m |
|--|--|
| Side 1 | 0,5 111 |
| | |
| Tightening torque | 0,6 Nm |
| Mounting method | inserted, screwed |
| Family construction form | M12 |
| Thread | M12 x 1 |
| Coding | D DIVID |
| Material | PUR |
| Width across flats | SW13 IP65, IP66K, IP67 |
| Degree of protection (EN IEC 60529) | 100, 1000, 100 |
| 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 GTIN | 85444290 |
| | 4048879322133 |
| 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 fur | nctionality |
| duplex | Full duplex |
| Installation Connection | |
| Mounting set | M12 x 1 |
| Device protection Electrical | |
| • | incorted caravad |
| Additional condition protection degree Pollution Degree | inserted, screwed 3 |
| Rated surge voltage | 3 1,5 kV |
| Material group (IEC 60664-1) | 1,5 KV |
| | · |
| 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 | C |
| | |

Operating temperature min.

-25 °C



stay connected

| Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be |
|---|
| |
| |
| Attention: Obconyo the normiccible handing radii when leving cables, as the ID protection class are to |
| endangered by excessive bending forces. |
| |
| DIN EN 61076-2-101 (M12) |
| |
| 796 |
| green |
| cURus |
| 1 |
| 4 wires around Core filler twisted |
| copper braid, tinned |
| 85 % |
| Fleece, Foil |
| yes |
| white, yellow, blue, orange |
| 5 m @ 25 °C |
| 3 Mio. @ 25 °C |
| 69,3 g/m |
| PUR |
| 89 Shore A |
| lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
| 3,3 m/s @ 25 °C |
| 6,7 mm |
| ± 5 % |
| FRNC |
| natur |
| PE |
| 4 |
| 1,4 mm |
| ±5% |
| 65 Shore D |
| lead-free, CFC-free, halogen-free |
| 7 |
| 22 AWG |
| 22 AWG |
| Stranded copper wire, bare |
| 5000 MΩ × km |
| 300 V |
| to DIN VDE 0298-4 |
| 4,8 A |
| 100 Ω ± 15 % @ 100 MHz |
| 55 Ω/km @ 20 °C |
| 2 kV @ 60 s |
| 50000 pF/km |
| 2 kV @ 60 s |
| 2 kV @ 60 s |
| -40 °C 80 °C |
| |



| Operating temperature min. (dynamic) | -30 °C |
|--------------------------------------|--|
| Operating temperature max. (dynamic) | 70 °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 | DIN EN 60811-404 Good, application-related testing |
| Bending radius (fixed) | 5 x Outer diameter |
| Bending radius (dynamic) | 12 x Outer diameter |
| No. of torsion cycles | 1 Mio. 25 °C |
| Torsion stress | ± 180 °/m |