

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.

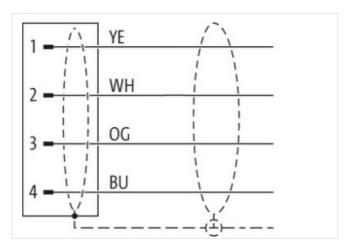
Plastic housings with good resistance against chemicals and oils.

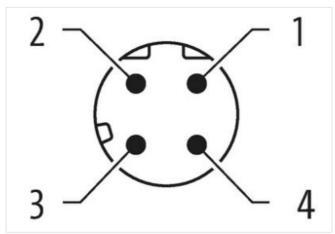
The resistance to aggressive media should be individually tested for your application. Further details on request.

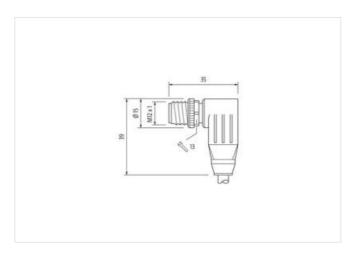
Link to Product

Illustration









Product may differ from Image











Cable length

3 m



stay connected

| | Side 1 | |
|--|---|--|
| Part | Tightening torque | 0,6 Nm |
| Process Marie Pure Pur | Mounting method | inserted, screwed |
| Description | Family construction form | M12 |
| Adaminal PUR Width across files SW13 SURE 2 Stripping Ingrift (dacket) 20 mm COMMENCIAL SEC. 60.0 27061801 CCLASS 6.0 27061801 CCLASS 6.1 27064907 CCLASS 7.1 27064907 CCL | Thread | M12 x 1 |
| Width across flats SW13 Segree of protection (EN IEC 60529) IPS6, IPS6K, IPS7 Site 2 Protection (EN IEC 60529) IPS6, IPS6K, IPS7 Site 2 Stripping longth (jacket) 20 mm Commercial data SCLASS-6.1 27068097 SCLASS-6.1 27068097 SCLASS-8.0 27068097 SCLASS-10.1 27068097 SCLASS-11.1 27068097 SCLASS-12.0 27068097 <th< td=""><td>Coding</td><td></td></th<> | Coding | |
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| Side 2 Commercial data Commercial data CCASS 8-0 27061801 CCASS 8-1 27060307 CCLASS 8-0 27060307 CCLASS 9.0 27060307 CCLASS 9.0 27060307 CCLASS 1.1.1 27060307 CCLASS 1.1.1 27060307 CCLASS 1.1.1 27060307 CCLASS 1.1.1 27060307 CCLASS 1.2.0 27060307 CCLASS 1.1.1 27 | | |
| Stripping length (lacked) 20 mm | Degree of protection (EN IEC 60529) | IP65, IP66K, IP67 |
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| CLASS-8.0 27060307 270603007 2706030 | ECLASS-6.1 | 27060307 |
| CLASS-9.0 27060307 | ECLASS-7.0 | 27060307 |
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| | | inserted screwed Shaking protection |
| Environmental characteristics Climatic | | - ` |
| | Environmental characteristics Climation | |



stay connected

| 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 | |
| · | 700 |
| Cable identification Jacket Color | 793 |
| | 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) | 0° ℃ |
| 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 |
| Dendine vedice (donesis) | 12 x Outer diameter |
| Bending radius (dynamic) | 12 x Outer diameter |

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: 2024-04-19

Product-PDF for Article 7000-14561-7930300



Torsion stress \pm 180 °/m