

M12 Power male 0° / female 90° L-cod.

PUR 5x1.5 gy UL/CSA+drag ch. 7.5m

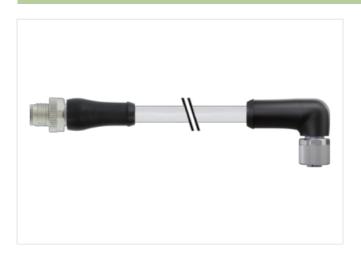
Power M12 – M12, 5-pole Male straight – female 90° L-coded with cable sleeves

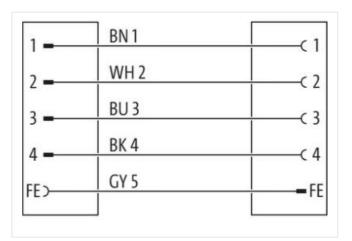
Plastic housings with good resistance against chemicals and oils.

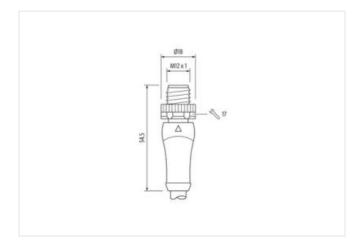
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

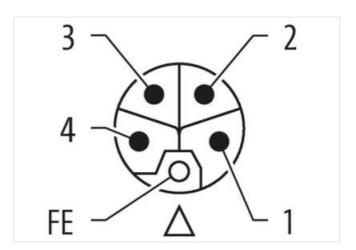
Link to Product

Illustration



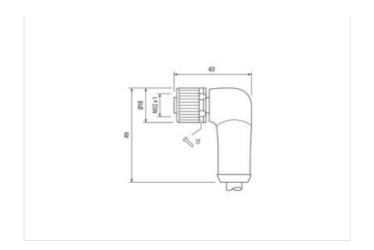


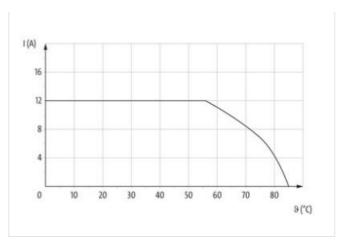


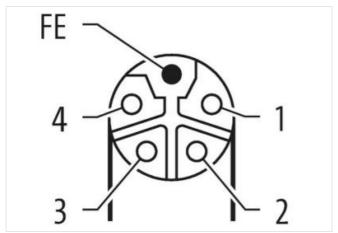




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Product may differ from Image









| Cable length 7,5 m Side 1 Tightening torque 0,6 Nm Mounting method inserted, screwed Coating contact gold plated Family construction form M12P Thread M12 x 1 suitable for corrugated tube (internal Ø) 12 mm Cable outlet straight Coding L Material contact Copper alloy No. of poles 5 Side 2 Tightening torque 0,6 Nm Mounting method inserted, screwed Coating contact gold plated Family construction form M12P | | |
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| Tightening torque 0,6 Nm Mounting method inserted, screwed Coating contact gold plated Family construction form M12P Thread M12 x 1 suitable for corrugated tube (internal Ø) 12 mm Cable outlet straight Coding L Material contact Copper alloy No. of poles 5 Side 2 Tightening torque 0,6 Nm Mounting method inserted, screwed Coating contact gold plated | Cable length | 7,5 m |
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| Family construction form M12P Thread M12 x 1 suitable for corrugated tube (internal Ø) Cable outlet Straight Coding L Material contact Copper alloy No. of poles 5 Side 2 Tightening torque 0,6 Nm Mounting method inserted, screwed Coating contact gold plated | Mounting method | inserted, screwed |
| Thread M12 x 1 suitable for corrugated tube (internal Ø) 12 mm Cable outlet straight Coding L Material contact Copper alloy No. of poles 5 Side 2 Tightening torque 0,6 Nm Mounting method inserted, screwed Coating contact gold plated | Coating contact | gold plated |
| suitable for corrugated tube (internal Ø) Cable outlet straight Coding L Material contact Copper alloy No. of poles 5 Side 2 Tightening torque 0,6 Nm Mounting method inserted, screwed Coating contact gold plated | Family construction form | M12P |
| Cable outlet straight Coding L Material contact Copper alloy No. of poles 5 Side 2 Tightening torque 0,6 Nm Mounting method inserted, screwed Coating contact gold plated | Thread | M12 x 1 |
| Coding L Material contact Copper alloy No. of poles 5 Side 2 Tightening torque 0,6 Nm Mounting method inserted, screwed Coating contact gold plated | suitable for corrugated tube (internal \emptyset) | 12 mm |
| Material contact Copper alloy No. of poles 5 Side 2 Tightening torque 0,6 Nm Mounting method inserted, screwed Coating contact gold plated | Cable outlet | straight |
| No. of poles 5 Side 2 Tightening torque 0,6 Nm Mounting method inserted, screwed Coating contact gold plated | Coding | L |
| Side 2 Tightening torque 0,6 Nm Mounting method inserted, screwed Coating contact gold plated | Material contact | Copper alloy |
| Tightening torque 0,6 Nm Mounting method inserted, screwed Coating contact gold plated | No. of poles | 5 |
| Mounting method inserted, screwed Coating contact gold plated | Side 2 | |
| Coating contact gold plated | Tightening torque | 0,6 Nm |
| Family assets still found | Mounting method | inserted, screwed |
| Family construction form M12P | Coating contact | gold plated |
| | Family construction form | M12P |



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|--|---|---|---------|
| Laboration | suitable for corrugated tube (internal Ø) | 16,4 mm | |
| Medical contact | Cable outlet | angled | |
| | Coding | L | |
| Commercial data | Material contact | Copper alloy | |
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| CLASS-10.1 27060311 27060327 CLASS-12.0 27060327 CLASS-12.0 27060327 CLASS-12.0 27060327 CLASS-12.0 CLOSS-12.0 | ECLASS-8.0 | 27279218 | |
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| ECON | ECLASS-11.1 | 27060311 | |
| usions tariff number 85444290 3TIN 404878743112 3tokaging unit 1 Electrical data Supply perating voltage DC max. 63 V Diagnostics Status indication LED no Installation Connection Width across flats SW17 Device protection Electrical Segree of protection (EN IEC 60529) F65. IP67 deditional condition protection degree inserted, screwed reliable and protection (EN IEC 60529) I I Mechanical data Material data Satel surge voltage Nickeled staterial group (IEC 60684-1) I Mechanical data Material data Satelina gasket FKM staterial prosup (IEC 60684-1) I Mechanical data Material data Satelina gasket FKM staterial prosup (IEC 60684-1) I Mechanical data Material data Satelina gasket FKM staterial housing PUR ocking material Sunding data Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Deparating temperature min. 25 °C Sperating temperature max. 65 °C desired in statin relief Protection class can be ending radius and sunding radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be ending radius Conformity Protect of Sci072-1111 | ECLASS-12.0 | 27060327 | |
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| Device protection Electrical Degree of protection (EN IEC 60529) | | SW17 | |
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| Additional condition protection degree inserted, screwed Solution Degree 3 | | IDEC IDEC | |
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| Important installation notes Idetermine 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 endangered by excessive bending forces. Conformity Product standard IEC 61076-2-111 | Operating temperature min. | -25 °C | |
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| Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard IEC 61076-2-111 | Important installation notes | | |
| Conformity Product standard EC 61076-2-111 | Note on strain relief | Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. | |
| Product standard IEC 61076-2-111 | Note on bending radius | Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. | |
| Product standard IEC 61076-2-111 | Conformity | | |
| | | IEC 61076-2-111 | |
| IIIStaliauori Cable | | | |
| | installation Gable | | |

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 |
|------|-----------|
| stay | connectea |

| wire arrangement | gray 5, black 4, blue 3, white 2, brown 1 |
|---|---|
| Cable identification | P08 |
| Cable Type | 3 |
| Printing color of wire insulation | black (white isolation), white (isolation blue), white (isolation brown), white (isolation black), white (gray isolation) |
| Jacket Color | gray |
| Type of Certificate | cURus |
| Amount stranding | 1 |
| Stranding | 5 wires around Filler twisted |
| Filler | yes |
| wire arrangement | gray 5, black 4, blue 3, white 2, brown 1 |
| Cable weigth | 129,8 g/m |
| Material jacket | PUR |
| Shore hardness jacket | 90 ± 5 Shore A |
| Freedom from ingredients (jacket) | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
| Outer-diameter (jacket) | 8,2 mm |
| Tolerance outer diameter (sheath) | ±5% |
| Material wire insulation | PP |
| Amount wires | 5 |
| Outer diameter insulation | 2,3 mm |
| Outer diameter tolerance core insulation | ± 5 % |
| Shore hardness wire insulation | 60 ± 5 Shore D |
| Ingredient freeness wire insulation | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
| Printing color of wire insulation | black (white isolation), white (isolation blue), white (isolation brown), white (isolation black), white (gray isolation) |
| Amount strands (wire) | 84 |
| Diameter of single wires | 0.15 mm |
| Conductor crosssection (wire) | 1,5 mm² |
| Material conductor wire | Stranded copper wire, bare |
| Conductor type (wire) | strand class 6 |
| Nominal voltage AC max. | 1000 V |
| Current load capacity (standard) | to DIN VDE 0298-4 |
| Current load capacity min. wire | 13,5 A |
| Electrical resistance line constant wire | 13,3 Ω/km @ 20 °C |
| AC withstand voltage (wire - wire) | 10 kV @ 60 s |
| Power frequency withstand voltage (wire - | |
| jacket) | 10 kV @ 60 s |
| Min. operating temperature (static) | -50 °C |
| Max. operating temperature (fixed) | 80 °C / 90 °C @ 10000 h Operation |
| Operating temperature min. (dynamic) | -25 °C |
| Operating temperature max. (dynamic) | 80 °C / 90 °C @ 10000 h Operation |
| Flame resistance | UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 |
| 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) | 5 x Outer diameter |
| Bending radius (dynamic) | 10 x Outer diameter |
| No. of bending cycles (C-track) | 5 Mio. @ 25 °C |
| Traversing distance (C-track) | 5 m @ 25 °C |
| Travel speed (C-track) | 3,3 m/s @ 25 °C |
| No. of torsion cycles | 2 Mio. |
| Torsion stress | ± 180 °/m |
| Torsion speed | 35 cycles/min |