

M12 Power male 90° / female 0° L-cod.

PUR 5x1.5 gy 1.5m

Power

M12 – M12, 5-pole

Male 90° – female straight

L-coded

with cable sleeves

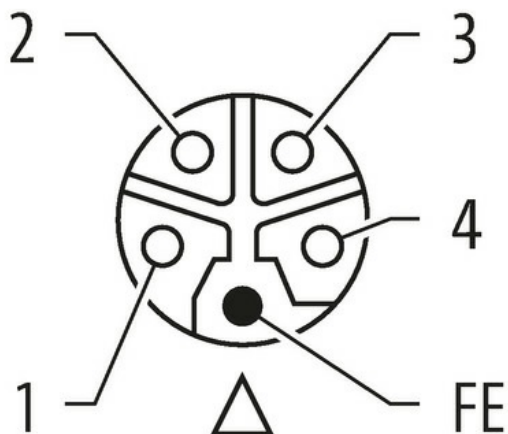
Plastic housings with good resistance against chemicals and oils.

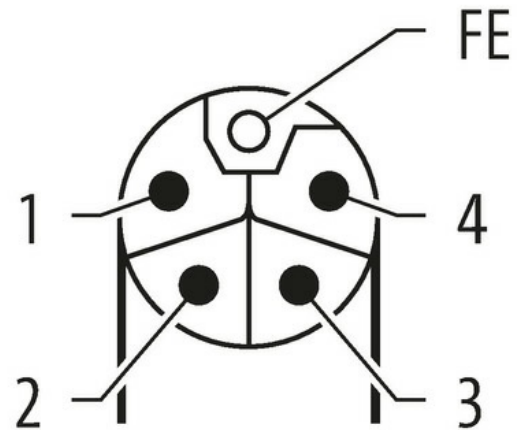
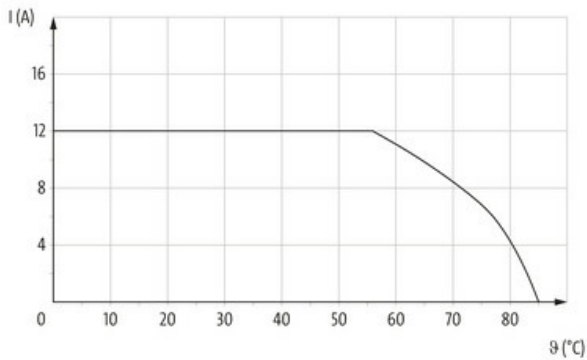
The resistance to aggressive media should be individually tested for your application. Further details on request.

Further cable lengths on request.

[Link to Product](#)**Illustration**

| | | |
|----|------|------|
| 1 | BN 1 | ⊂ 1 |
| 2 | WH 2 | ⊂ 2 |
| 3 | BU 3 | ⊂ 3 |
| 4 | BK 4 | ⊂ 4 |
| FE | GY 5 | — FE |





Product may differ from Image



* only for products with UL/CSA approved cable

Form

Form P4261

Technical Data

| | |
|---|--|
| Operating voltage | max. 63 V DC |
| Rated surge voltage | 1.5 kV |
| Operating current per contact | max. 12 A |
| No. of poles | 5 |
| Material group | IEC 60664-1, category I |
| Coding | L-coded |
| LED display | no |
| Locking of ports | Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing |
| Compression gland | M12 (SW17) |
| Protection | IP65 and IP67 when plugged and screwed down (EN 60529) |
| Material | PUR |
| Locking material | Zinc die casting, matte nickel plated |
| suitable for corrugated tube (internal Ø) | 12 mm (straight), 16.4 mm (angular) |

General data

| | |
|----------------------------|--|
| Standards | IEC 61076-2-111 |
| Material (contact) | Copper alloy |
| Material (contact surface) | Au |
| Material (gasket) | FKM |
| Pollution Degree | 3 |
| Temperature range | -25...+85 °C, depending on cable quality |

Cables

| | |
|---------------------------------|--|
| Cable identification | 966 |
| Approval (cable) | CE conform |
| Cable weight [g/m] | 147,4 g |
| Material (wire) | Cu wire, bare |
| Resistor (core) | max. 13.3 Ω/km (20 °C) |
| Single wire Ø (core) | 0.25 mm |
| Construction (core) | 30× 0.25 mm (multi-strand wire class 5) |
| Diameter (core) | 5× 1.5 mm ² |
| AWG | similar to AWG 16 |
| Material (wire isolation) | PVC |
| Shore hardness (wire isolation) | 85 ±5 A |
| Wire-Ø incl. isolation | 2.4 mm ±5% |
| Color/numbering of wires | bk, bl, wh, br, gr, num |
| Stranding combination | 5 wires twisted around central filler |
| Shield | no |
| Material (jacket) | PUR/PVC |
| Shore hardness (jacket) | 85 ±5 A |
| Outer-Ø (jacket) | 8.7 mm ±5% |
| Color (jacket) | gray |
| chemical resistance | good resistance to oil, gasoline and chemicals |
| Nominal voltage | 600 V AC |
| Test voltage | 4000 V |
| Temperature range (fixed) | -30...+70 °C |
| Temperature range (mobile) | -5...+70 °C |
| Bend radius (moving) | 10× outer Ø |

Commercial data

| | |
|-----------------------|---------------|
| country of origin | DE |
| customs tariff number | 85444290 |
| EAN | 4048879743259 |
| eClass | 27279218 |
| Packaging unit | 1.000 |