

M12 Power male 90° L-cod. with cable

PUR 5x1.5 gy 3m

Power

Male 90°

M12, 5-pole

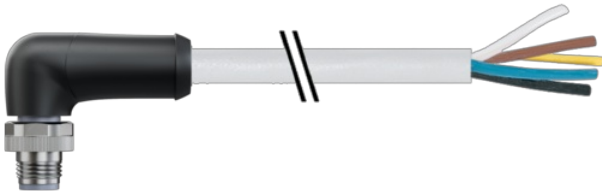
L-coded

with cable sleeves

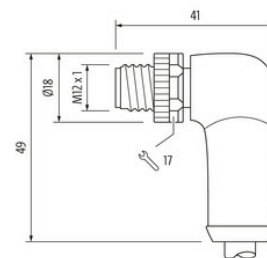
Plastic housings with good resistance against chemicals and oils.

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 |
| 2 | WH 2 |
| 3 | BU 3 |
| 4 | BK 4 |
| FE | GY 5 |





Product may differ from Image



* only for products with UL/CSA approved cable

Form

Form P4211

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) | 16,4 mm |

General data

| | |
|----------------------------|--|
| Standards | IEC 61076-2-111 |
| Mounting method | inserted, tightened |
| Material (contact) | Copper alloy |
| Material (contact surface) | Au |
| Pollution Degree | 3 |
| Stripping length (jacket) | 100 mm |
| 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 |

The information in this brochure has been compiled with the utmost care.

Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 03/22

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| | |
|---------------------------------|--|
| 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 | 4048879742535 |
| eClass | 27279218 |
| Packaging unit | 1.000 |