

**M12 Power male 0° L-cod. with cable**

PUR 5x1.5 gy 7.5m

Power

Male straight

M12, 5-pole

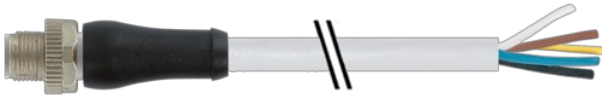
L-coded

with cable sleeves

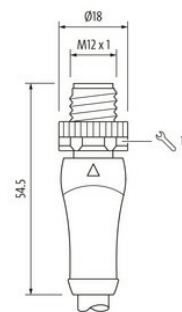
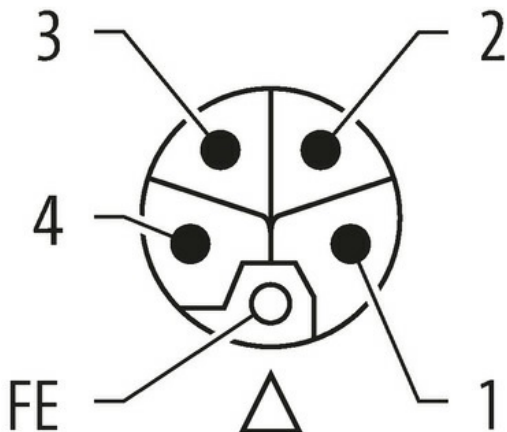
Plastic housings with good resistance against chemicals and oils.

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

**Form**

Form P4201

**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
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

**General data**

Standards	IEC 61076-2-111
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 $\Omega$ /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 <sup>2</sup>
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	4048879646895
eClass	27279218
Packaging unit	1.000