

M12 Power male 0° / female 90° L-cod.

PUR 5x1.5 gy 3m

Power

M12 – M12, 5-pole

Male straight – female 90°

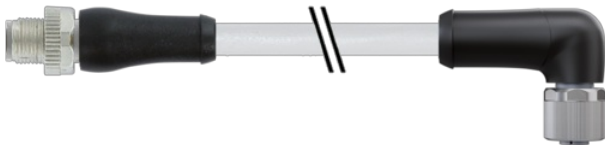
L-coded

with cable sleeves

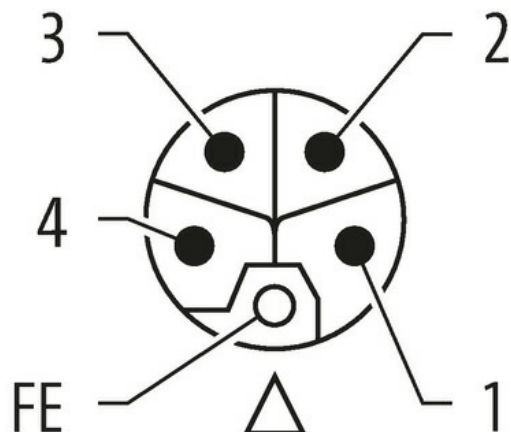
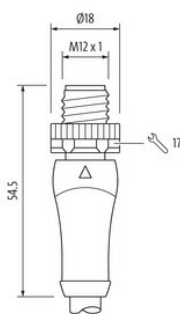
Plastic housings with good resistance against chemicals and oils.

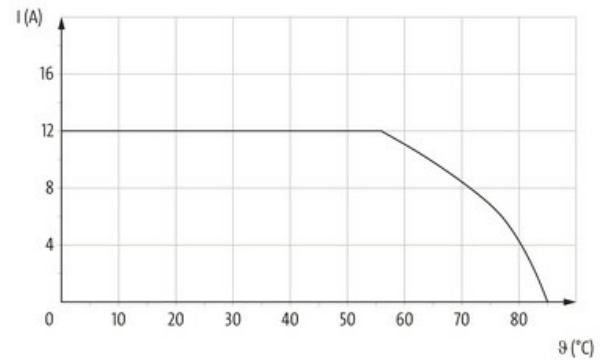
The resistance to aggressive media should be individually tested for your application. Further details on request.

Further cable lengths on request.

Link to Product**Illustration**

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 P4251

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
Mounting method	inserted, tightened
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	4048879743143
eClass	27279218
Packaging unit	1.000