

M12 Power L-coded 5pol. female 90° with cable

PUR 5x1.5 gy 3.0m

Female 90°

M12 Power

5-pole

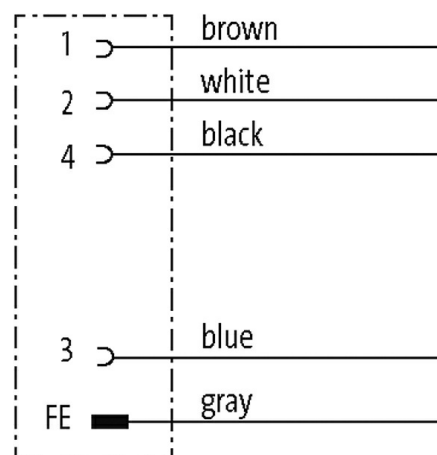
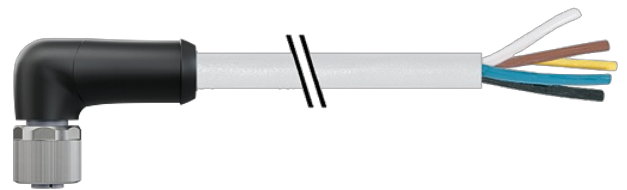
L-coded

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**

Product may differ from Image

Form

Form P4231

General data

Standards	IEC 61076-2-111
Mounting method	inserted, tightened
Pollution Degree	3
Stripping length (jacket)	100 mm
Temperature range	-25...+85 °C, depending on cable quality

Cables

Cable number	966
No./diameter of wires	5x 1.5 mm ²
Wire isolation	PP (br, wh, bl, bk, gr)
Jacket Color	gray

Material (jacket)	PUR/PVC
Outer Ø	8.7 mm ±5%
Bend radius (moving)	10× outer Ø
Temperature range (fixed)	-30...+70 °C
Temperature range (mobile)	-5...+70 °C
Cable identification	966
Approval (cable)	CE conform
Cable weight [g/m]	147,40
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

Technical Data

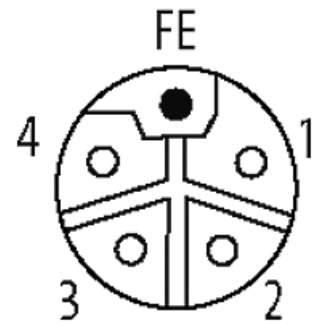
Operating voltage	max. 63 V AC/DC
Rated surge voltage	1.5 kV
Operating current per contact	max. 16 A
Coding	L-coded
Locking of ports	Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing
Compression gland	M12 (SW17)
Protection	IP65 and IP67 when plugged and screwed down (EN 60529)
Locking material	Zinc die casting, matte nickel plated
Material	PUR
suitable for corrugated tube (internal Ø)	12 mm

Commercial data

country of origin	DE
customs tariff number	85444290
EAN	4048879740401
eClass	27279218
Packaging unit	1

Sketch

Female



Product may differ from Image