

M12 Power male 0° / female 0° L-cod.

PUR 5x1.5 gy 2m

Male straight – female straight

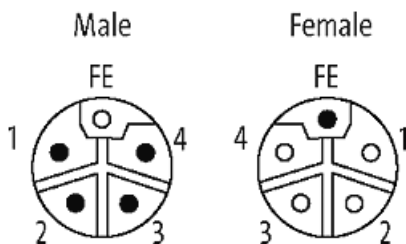
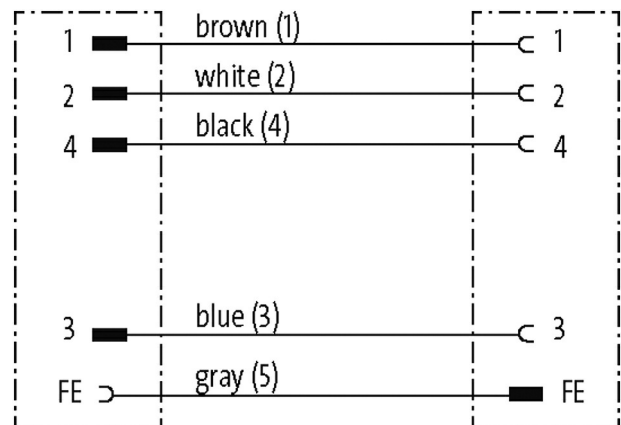
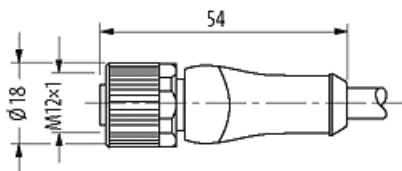
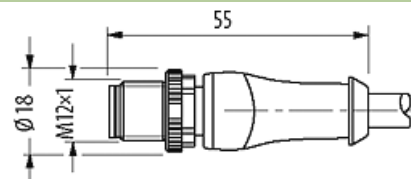
M12 – M12, 5-pole

L-coded

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 P4241

Technical Data

Operating voltage	max. 63 V AC/DC
Rated surge voltage	1.5 kV
Operating current per contact	max. 16 A
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)

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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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

General data

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

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)	10x 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)	30x 0.25 mm (multi-strand wire class 5)
Diameter (core)	5x 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)	10x outer Ø

Commercial data

country of origin	DE
customs tariff number	85444290
EAN	4048879720939
eClass	27279218
Packaging unit	1