

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

PUR 5x1.5 bk UL/CSA+drag chain 3m

Male 90°

M12, 5-pole

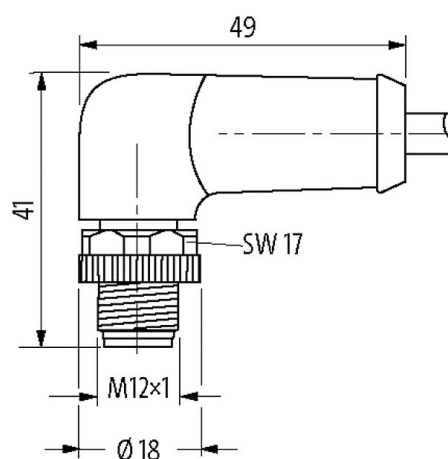
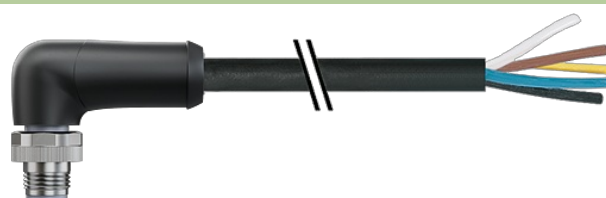
L-coded

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	■	brown
2	■	white
4	■	black
3	■	blue
FE	⌋	gray

Product may differ from Image

Form

Form

P4211

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

No./diameter of wires	5 × 1.5 mm ²
Wire isolation	PP (br, wh, bl, bk, gr, num)
C-track properties	5 Mio.
Jacket Color	black
Material (jacket)	PUR (UL/CSA)
Outer Ø	8.7 mm ±5%
Bend radius (moving)	10 × outer Ø
Temperature range (fixed)	-50...+80 °C
Temperature range (mobile)	-20...+80 °C
Cable identification	P04
Cable Type	3 (PUR)
Approval (cable)	cURus (AWM-Style 21223/10492)
Cable weight [g/m]	129,80
Material (wire)	Cu wire, bare
Resistor (core)	max. 13.3 Ω/km (20 °C)
Single wire Ø (core)	0.15 mm
Construction (core)	84 × 0.15 mm (multi-strand wire class 6)
Diameter (core)	5 × 1.5 mm ²
AWG	similar to AWG 16
Material (wire isolation)	PP
Material property (wire isolation)	CFC-, halogen-, cadmium-, silicone- and lead-free
Shore hardness (wire isolation)	60 ±5 D
Wire-Ø incl. isolation	2.3 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
Material property (jacket)	CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, hydrolysis and microbial resistant
Shore hardness (jacket)	90 ±5 A
Outer-Ø (jacket)	8.7 mm ±5%
Color (jacket)	black
chemical resistance	good resistance to oil, gasoline and chemicals (EN 60811-404)
thermal resistance	flame retardant UL 1581 VW1 / CSA FT1 / IEC 60332-1, IEC 60332-2-2
Nominal voltage	1000 V AC
Test voltage	10.0 kV
Current load capacity	to DIN VDE 0298-4
Temperature range (fixed)	-50...+80 °C
Temperature range (mobile)	-20...+80 °C
Bend radius (fixed)	7.5 × outer Ø
Bend radius (moving)	10 × outer Ø

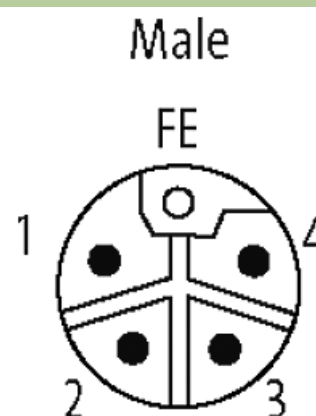
No. of bending cycles (C-track)	max. 5 Mio. (25 °C)
Traversing distance (C-track)	max. 5 m (horizontal)
Travel speed (C-track)	max. 3.3 m/s
Acceleration (C-track)	max. 5 m/s ²
Torsion stress	±180°/m
No. of torsion cycles	max. 2 Mio. (25 °C)
Torsion speed	35 cycles/min

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
No. of poles	5
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

Commercial data

country of origin	DE
customs tariff number	85444290
EAN	4048879742436
eClass	27279218
Packaging unit	1

Sketch

Product may differ from Image