

**M12 Power male 0° / female 0° T-cod.**

PUR 4x1.5 bk UL/CSA+drag ch. 2m

Male straight – female straight

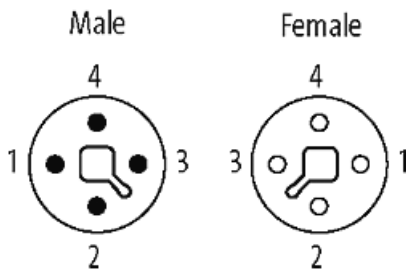
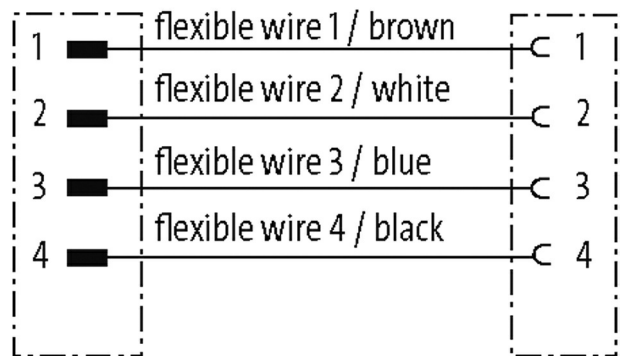
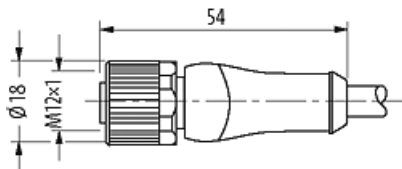
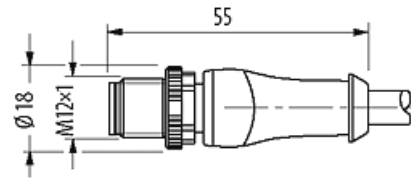
M12 – M12, 4-pole

T-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 P7241

**Technical Data**

Operating voltage	max. 63 V AC/DC
Rated surge voltage	1.5 kV
Operating current per contact	max. 12 A
Material group	IEC 60664-1, category I
Coding	T-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)

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

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	782
No./diameter of wires	4× 1.5 mm <sup>2</sup>
Wire isolation	TPE (bk num)
C-track properties	5 Mio.
Jacket Color	black
Material (jacket)	PUR (UL/CSA)
Outer Ø	7.7 mm ±5%
Bend radius (moving)	10× outer Ø
Temperature range (fixed)	-50...+80 °C
Temperature range (mobile)	-20...+70 °C
Cable identification	782
Approval (cable)	UL (AWM-Style 20233), CSA
Cable weight [g/m]	114,40
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)	4× 1.5 mm <sup>2</sup>
AWG	similar to AWG 16
Material (wire isolation)	TPE-E
Wire-Ø incl. isolation	2.4 mm ±5%
Color/numbering of wires	bk numbered
Shield	no
Material (jacket)	PUR
Outer-Ø (jacket)	7.7 mm ±5%
Color (jacket)	black
chemical resistance	good resistance to oil, gasoline and chemicals (VDE 0472 Teil 803 Test B)
thermal resistance	flame retardant UL 1581 VW1 / CSA FT1 / IEC 60332-1, IEC 60332-2-2
Nominal voltage	300 V AC
Test voltage	2000 V AC
Current load capacity	to DIN VDE 0298-4
Temperature range (fixed)	-50...+80 °C
Temperature range (mobile)	-20...+70 °C
Bend radius (fixed)	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 <sup>2</sup>
Torsion stress	±180°/m
No. of torsion cycles	max. 2 Mio. (25 °C)
Torsion speed	35 cycles/min

**Commercial data**

country of origin	DE
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customs tariff number	85444290
EAN	4048879754705
eClass	27279218
Packaging unit	1