

M12 Power T-coded male 0° / female 0°

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

Male straight – female straight

M12 – M12, 4-pole

T-coded

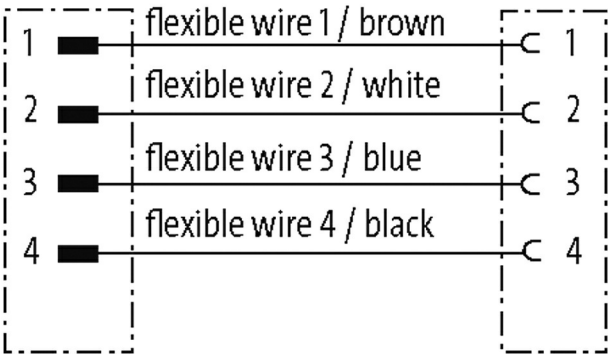
Plastic housings with good resistance against chemicals and oils.

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
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 mm²
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 ²
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 ²
Torsion stress	±180°/m
No. of torsion cycles	max. 2 Mio. (25 °C)
Torsion speed	35 cycles/min

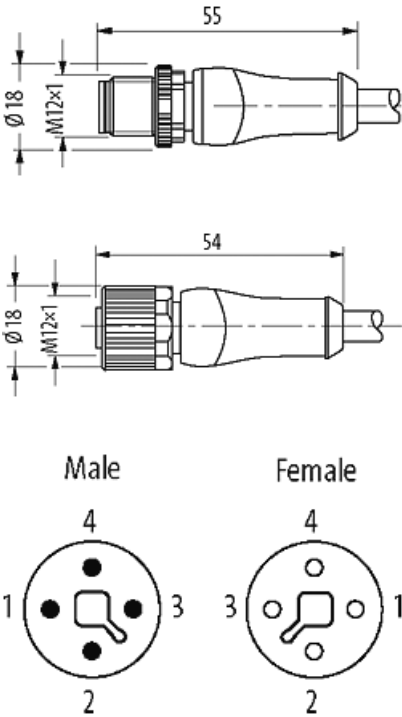
Technical Data

Operating voltage	max. 63 V AC/DC
Rated surge voltage	1.5 kV
Operating current per contact	max. 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)
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	4048879754705
eClass	27279218
Packaging unit	1

Sketch



Product may differ from Image