MURR ELEKTRONIK
stay connected

M12 Power male 0° T-cod. with cable

PUR 4x1.5 bk UL/CSA+drag ch. 3m

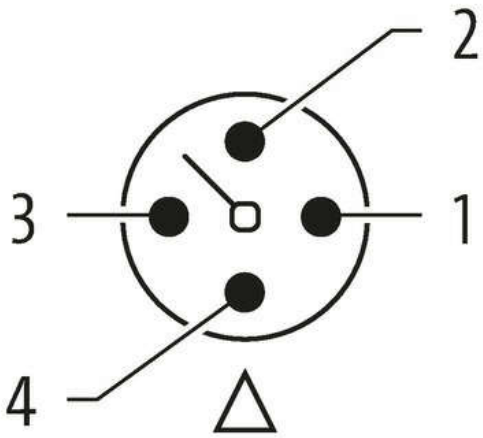
Power
Male straight
M12, 4-pole
T-coded
with cable sleeves
Plastic housings with good resistance against chemicals and oils.
The resistance to aggressive media should be individually tested for your application. Further details on request.
Further cable lengths on request.

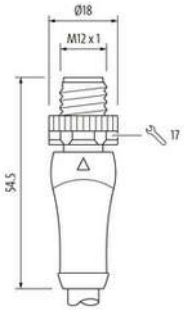
Link to Product

Illustration









Product may differ from Image

Form

Form	P7201

Technical Data

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Operating voltage	max. 63 V DC
Rated surge voltage	1.5 kV
Operating current per contact	max. 12 A
No. of poles	4-pole
Material group	IEC 60664-1, category I
Coding	T-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
General data	
Standards	IEC 61076-2-111
Mounting method	inserted, tightened
Material (contact)	Copper alloy
Material (contact surface)	Au
Pollution Degree	3
Stripping length (jacket)	100 mm
Temperature range	-25...+85 °C, depending on cable quality
Cables	
Cable identification	P07
Cable Type	3 (PUR)
Cable weight [g/m]	114,4 g
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 mm²
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	br, bk, bl, wh, num
Stranding combination	4 wires twisted
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)	7.2 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, (+90 °C at max. 10 000 operating hours)
Temperature range (mobile)	-25...+80 °C, (+90 °C at max. 10 000 operating hours)
Bend radius (fixed)	7.5× outer Ø
Bend radius (moving)	10× outer Ø

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No. of bending cycles (C-track)	max. 5 Mio. (25 °C)
Travel speed (C-track)	max. 3.3 m/s
Acceleration (C-track)	max. 5 m/s²
Torsion stress	±180°/m
No. of torsion cycles	max. 2 Mio. (25 °C)
Torsion speed	35 cycles/min

Commercial data

country of origin	DE
customs tariff number	85444290
EAN	4048879653244
eClass	27279218
Packaging unit	1.000

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