

M12 Power S-coded male 0° / female 0°

PUR 4x1.5 bk UL/CSA+drag chain 10m

Male straight – female straight M12 – M12, 4-pole S-coded Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested to

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

General data EC 61076-2-111 Mounting method inserted, lightened Pollution Degree 3 Temperature range -25485 °C, depending on cable quality Material (gasket) FKM Cables - Wrie isolation PP (br, wh, bl, num; gnye longitudinally striped) C-track properties 5 Mio. Catade properties 5 Mio. Bed radius (moving) PU R (ULCSA) Duter Ø 7.7 mm ±5% Bend radius (moving) 10× outer Ø Temperature range (fixed) -50460 °C Cable Type -20460 °C Cable Type 9.0 (ULR) Approval (cable) -20460 °C Cable forpe 3 (UM Approval (cable) -20460 °C Cable forpe 3 (UM Approval (cable) -20460 °C Cable rotype 3 (UM Approval (cable) Cue wice, bare Resistor (core) max.13.3 (Mm (20 °C) Single wire Ø (core) 0.15 mm Construction (core) 84× 0.15 mm?<	Form	
Standards IEC 61076-2-111 Mounting method inserted, tightered Pollution Degree 3 Temperature range -25+85 °C, depending on cable quality Material (gasket) FKM Cables	Form	P6241
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Pollution Degree 3 Temperature range -25485 °C, depending on cable quality Material (gasket) FKM Cables ************************************	Standards	IEC 61076-2-111
Temperature range -25+85 °C, depending on cable quality Material (gasket) FKM Cables *15.mm² No./diameter of wires 4 × 1.5 mm² Wire isolation PP (br, wh, bl, num; gnye longitudinally striped) C-track properties 5 Mio. Material (jacket) PUR (UL/CSA) Outer Ø 7.7 mm ±5% Bedn radius (moving) 10× outer Ø Temperature range (fixed) -50+80 °C Temperature range (mobile) -20+80 °C Cable identification P06 Cable identification P06 Cable weight [g/m] 114.40 Approval (cable) cUrwic, 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 m² AWG similar to AWG 16 Material (wire isolation) CFC, halogen, cadmium., silicone- and lead-free Shore hardness (wire isolation) CFC, halogen, cadmium., silicone- and lead-free	Mounting method	inserted, tightened
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Material (jacket)PUR (UL/CSA)Outer Ø $7.7 mm \pm 5\%$ Bend radius (moving) $10 \times$ outer ØTemperature range (fixed) $-50+80 \ ^{\circ}C$ Temperature range (mobile) $-20+80 \ ^{\circ}C$ Cable identificationP06Cable identificationP06Cable identificationCURus (AWM-Style 21223/10492)Cable weight [g/m]114,40Material (wire)Cu wire, bareResistor (core)max. 13.3 Ω /km (20 °C)Single wire Ø (core)0.15 mmConstruction (core)84× 0.15 mm (multi-strand wire class 6)Diameter (core)4× 1.5 mm²AWGsimilar to AWG 16Material (wire isolation)PPMaterial (wire isolation)CFC-, halogen-, cadmium-, silicone- and lead-freeShore hardness (wire isolation)60 ±5 DWire-Ø incl. isolation2.3 mm ±5%	Wire isolation	PP (br, wh, bl, num; gnye longitudinally striped)
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Wire-Ø incl. isolation 2.3 mm ±5%	Material property (wire isolation)	CFC-, halogen-, cadmium-, silicone- and lead-free
	Shore hardness (wire isolation)	60 ±5 D
Color/numbering of wires bl, wh, br, num; gnye longitudinally striped	Wire-Ø incl. isolation	2.3 mm ±5%
	Color/numbering of wires	bl, wh, br, num; gnye longitudinally striped

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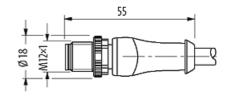
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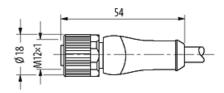


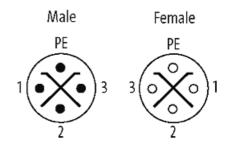
Stranding combination	4 wires twisted
Shield	no
Material (jacket)	PUR
Material property (jacket)	CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion- resistant, hydrolysis and microbial resistant
Shore hardness (jacket)	90 ±5 A
Outer-Ø (jacket)	7.7 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
Jacket Color	black
Technical Data	
Operating voltage	max. 630 V AC/DC
Rated surge voltage	6.0 kV
Operating current per contact	max. 12 A
Material group	IEC 60664-1, category I
Coding	S-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	4048879653237
eClass	27279218
Packaging unit	1
Sketch	

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