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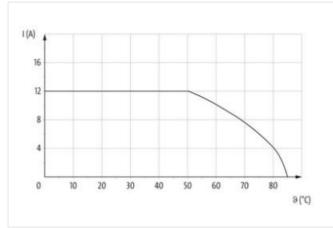
M12 Power male 0° / female 0° T-cod.

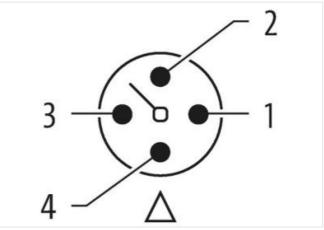
PUR 4x1.5 bk UL/CSA+drag ch. 0.3m

Power Male straight – female straight M12 – 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

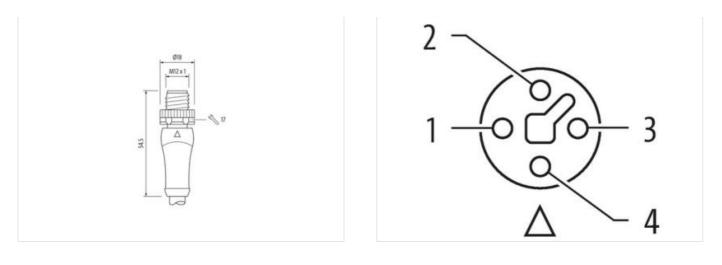


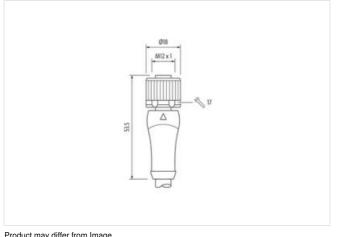




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Product may differ from Image



Cable length	0,3 m
Side 1	
Tightening torque	0,6 Nm
Coating contact	gold plated
Family construction form	M12P
Thread	M12 x 1
suitable for corrugated tube (internal \emptyset)	12 mm
Coding	Т
Material contact	Copper alloy
No. of poles	4
Side 2	
Tightening torque	0,6 Nm
Coating contact	gold plated
Family construction form	M12P
Thread	M12 x 1
Coding	Т
Material contact	Copper alloy

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Commercial data		
ECLASS-6.0	27279218	
ECLASS-6.1	27279218	
ECLASS-7.0	27279218	
ECLASS-8.0	27279218	
ECLASS-9.0	27060327	
ECLASS-10.1	27060311	
ECLASS-11.1	27060311	
ECLASS-12.0	27060327	
ETIM-5.0	EC002635	
customs tariff number	85444290	
GTIN	4048879691178	
Packaging unit	1	
Electrical data Supply		
Operating voltage DC max.	63 V	
Current operating per contact max.	12 A	
Diagnostics		
Status indication LED	no	
Installation Connection		
•	SM17	
Width across flats	SW17	
Device protection Electrical		
Degree of protection (EN IEC 60529)	IP65, IP67	
Additional condition protection degree	inserted, screwed	
Pollution Degree	3	
Rated surge voltage	1,5 kV	
Material group (IEC 60664-1)		
Mechanical data Material data		
Coating locking	Nickeled	
Material gasket	FKM	
Material housing	PUR	
Locking material	Zinc die-casting	
Mechanical data Mounting data		
Mounting method	inserted, screwed, Shaking protection	
Environmental characteristics Climatic		
Operating temperature min.	-25 °C	
Operating temperature max.	85 °C	
Additional condition temperature range	depending on cable quality	
Important installation notes		
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.	
Note on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.	
Conformity		
Product standard	IEC 61076-2-111	
Installation Cable		
Cable identification	P07	
Cable Type	3	
Printing color of wire insulation	black (white isolation), white (isolation blue), white (isolation brown), white (isolation black)	
Jacket Color	black	
Type of Certificate	cURus	
Amount stranding	1	

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wire arrangement	black 4, blue 3, white 2, brown 1	
Cable weigth	114,4 g/m	
Material jacket	PUR	
Shore hardness jacket	90 ± 5 Shore A	
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free	
Outer-diameter (jacket)	7,2 mm	
Tolerance outer diameter (sheath)	±5%	
Material wire insulation	PP	
Amount wires	4	
Outer diameter insulation	2,3 mm	
Outer diameter tolerance core insulation	±5%	
Shore hardness wire insulation	60 ± 5 Shore D	
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free	
Printing color of wire insulation	black (white isolation), white (isolation blue), white (isolation brown), white (isolation black)	
Amount strands (wire)	84	
Diameter of single wires	0,15 mm	
Conductor crosssection (wire)	1,5 mm ²	
Material conductor wire	Stranded copper wire, bare	
Conductor type (wire)	strand class 6	
Nominal voltage AC max.	1000 V	
Current load capacity (standard)	to DIN VDE 0298-4	
Current load capacity min. wire	14,4 A	
Electrical resistance line constant wire	13,3 Ω/km @ 20 °C	
AC withstand voltage (wire - wire)	10 kV @ 60 s	
Power frequency withstand voltage (wire - jacket)	10 kV @ 60 s	
Min. operating temperature (static)	-50 °C	
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation	
Operating temperature min. (dynamic)	-25 °C	
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation	
UV resistance	DIN EN ISO 4892-2 A	
Flame resistance	UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2	
chemical resistance	Good, application-related testing	
Gasoline resistance	Good, application-related testing	
Oil resistance	Good, application-related testing DIN EN 60811-404	
Bending radius (fixed)	7,5 x Outer diameter	
Bending radius (dynamic)	10 x Outer diameter	
No. of bending cycles (C-track)	5 Mio. @ 25 °C	
Traversing distance (C-track)	5 m @ 25 °C	
Travel speed (C-track)	3,3 m/s @ 25 °C	
No. of torsion cycles	2 Mio. 25 °C	
Torsion stress	± 180 °/m	
Torsion speed	35 cycles/min	

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