

M12 Power male 0° / female 0° L-cod.

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

Power M12 – M12, 5-pole Male straight – female straight L-coded with cable sleeves

Plastic housings with good resistance against chemicals and oils.

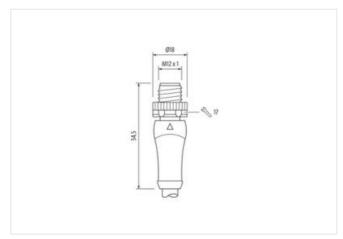
The resistance to aggressive media should be individually tested for your application. Further details on request.

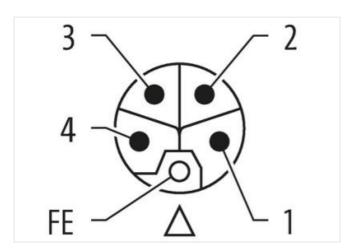
Further cable lengths on request.

Link to Product

Illustration



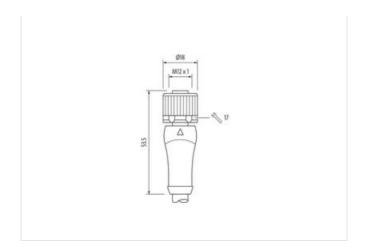


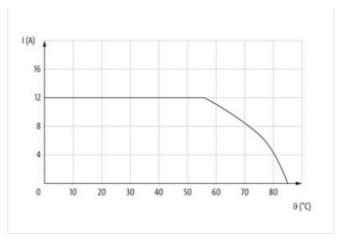


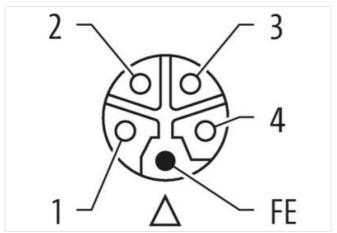




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Product may differ from Image









Cable length	5 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12P
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	12 mm
Coding	L
Material contact	Copper alloy
No. of poles	5
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12P
Thread	M12 x 1
Coding	L

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Commercial data	No. of poles	5
ECLASS-7.0 27279218	Commercial data	
ECLASS-8.0 27279218	ECLASS-6.0	27279218
ECLASS-8.0 27279218	ECLASS-6.1	27279218
ECLASS-9.0 27060327 27060311 27060311 27060311 27060311 27060311 27060311 27060311 27060311 27060311 27060311 27060311 27060327 2706032	ECLASS-7.0	27279218
ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060327 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879649582 Packaging unit 1 Electrical data Supply Operating voltage DC max. 63 V Current operating per contact max. 12 A Installation Connection Width across flats SW17 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) I Mechanical data Material data Coating focking Coating focking Nickeled Material gasket FKM Material pasket FKM Material pounterial Zinc die-casting Mechanical data Mounting data Mounting method Mounting method inserted, screwed, Shaking protection Environmen	ECLASS-8.0	27279218
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Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be	•	
	Note on strain relief	
	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	Conformity	
Product standard IEC 61076-2-111	Product standard	IEC 61076-2-111
Installation Cable	Installation Cable	
Cable identification P04	Cable identification	P04
Cable Type 3	Cable Type	3
Printing color of wire insulation black (white isolation), white (isolation blue), white (isolation brown), white (isolation black), white (gray isolation	Printing color of wire insulation	black (white isolation), white (isolation blue), white (isolation brown), white (isolation black), white (gray isolation)
Jacket Color black	Jacket Color	black
Type of Certificate cURus	Type of Certificate	cURus
Amount stranding 1	Amount stranding	1
Stranding 5 wires around Filler twisted		5 wires around Filler twisted
Filler yes	Filler	yes

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wire arrangement	gray 5, black 4, blue 3, white 2, brown 1
Cable weigth	129,8 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)	8,2 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PP
Amount wires	5
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), white (gray isolation)
Amount strands (wire)	84
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	1,5 mm²
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	13,5 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 § 1100 FT2 UL 1581 § 1090 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.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min