

## M12 Power male 90° / female 0° L-cod.

PUR 5x1.5 gy 7.5m

Power M12 – M12, 5-pole Male 90° – female straight L-coded with cable sleeves

Plastic housings with good resistance against chemicals and oils.

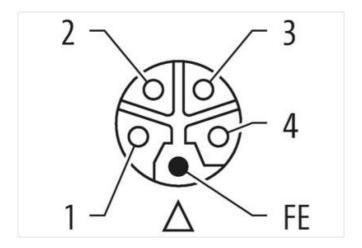
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

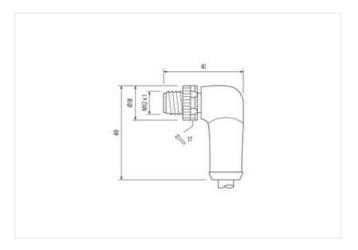
## **Link to Product**

## Illustration



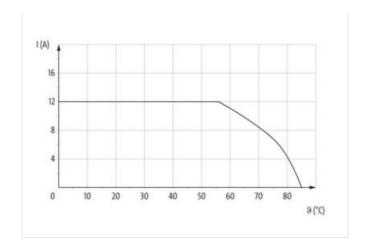


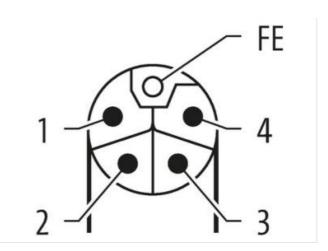


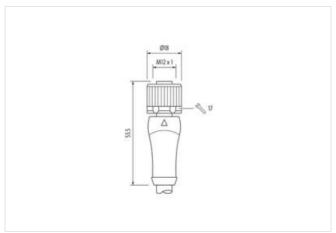




stay connected







Product may differ from Image







Cable length	7,5 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 Ø)	12 mm
Cable outlet	straight
Coding	L
Material contact	Copper alloy
No. of poles	5
Side 2	
Tightening torque	0,6 Nm
Coating contact	gold plated
Family construction form	M12P
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	16,4 mm



stay connected

Cable outlet	angled	
Coding	L L	
Material contact	Copper alloy	
No. of poles	5	
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	EC001855	
customs tariff number	85444290	
GTIN	4048879743280	
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		
Width across flats	SW17	
Device protection   Electrical	SW17	
Degree of protection (EN IEC 60529)	IP65, IP67	
Additional condition protection degree  Pollution Degree	inserted, screwed 3	
Rated surge voltage	1,5 kV	
Material group (IEC 60664-1)	1,0 (()	
Mechanical data   Material data		
	Medicaled	
Coating locking	Nickeled FKM	
Material gasket  Material housing	PUR	
Locking material	Zinc die-casting	
-	Zino dio Gaoting	
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	
Conformity		
Product standard	IEC 61076-2-111	
Installation   Cable		
Cable identification	966	
Printing color of wire insulation	black (white isolation), white (isolation blue), white (isolation brown), white (isolation black), white (gray isolation)	
Printing spacing of wire insulation	10 mm	
Jacket Color	gray	
Amount stranding	1	
Stranding	5 wires around Filler twisted	



stay connected	stay	conne	ected
----------------	------	-------	-------

Filler	yes	
wire arrangement	gray 5, black 4, blue 3, white 2, brown 1	
Cable weigth	147,4 g/m	
Material jacket	PUR	
Shore hardness jacket	85 ± 5 Shore A	
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free	
Outer-diameter (jacket)	8,7 mm	
Tolerance outer diameter (sheath)	± 5 %	
Material inner jacket	PVC	
Color (inner jacket)	gray	
Material wire insulation	PVC	
Amount wires	5	
Outer diameter insulation	2,4 mm	
Outer diameter tolerance core insulation	± 5 %	
Shore hardness wire insulation	85 ± 5 Shore A	
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free	
Printing color of wire insulation	black (white isolation), white (isolation blue), white (isolation brown), white (isolation black), white (gray isolation)	
Printing spacing of wire insulation	10 mm	
Amount strands (wire)	30	
Diameter of single wires	0,25 mm	
Conductor crosssection (wire)	1,5 mm²	
Material conductor wire	Stranded copper wire, bare	
Conductor type (wire)	Strand class 5	
Nominal voltage AC max.	600 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)	4 kV @ 60 s	
Power frequency withstand voltage (wire - jacket)	4 kV @ 60 s	
Min. operating temperature (static)	-30 °C	
Max. operating temperature (fixed)	70 °C	
Operating temperature min. (dynamic)	-5 °C	
Operating temperature max. (dynamic)	70 °C	
Flame resistance	UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090	
chemical resistance	Good, application-related testing	
Gasoline resistance	Good, application-related testing	
Oil resistance	Good, application-related testing   DIN EN 60811-404	
Bending radius (dynamic)	10 x Outer diameter	