

## M12 Power female 0° L-cod. with cable

PUR 5x2.5 bk UL/CSA+drag ch. 5m

Power Female straight M12, 5-pole L-coded

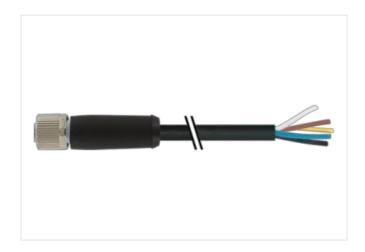
with cable sleeves

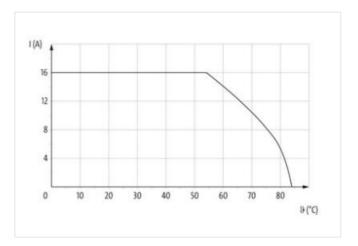
Plastic housings with good resistance against chemicals and oils.

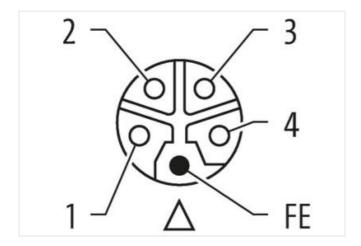
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

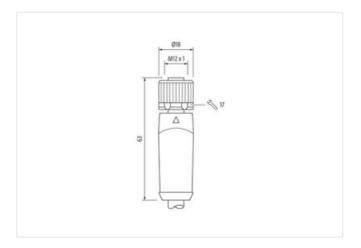
## **Link to Product**

## Illustration













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)	16,4 mm
Coding	L
Material contact	Copper alloy
No. of poles	5
Side 2	
Stripping length (jacket)	100 mm
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	4048879858694
Packaging unit	1
Electrical data   Supply	
Operating voltage DC max.	63 V
Current operating per contact max.	16 A
Diagnostics	
Status indication LED	no
Installation   Connection	

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-15



stay connected

With across fails  Device protection (EM EC 68529)  Personal protection (EM EC 68529)  Jesses prote	Stripping length (jacket)	100 mm
Device protection (EN EC 60529)   F96, IP67   IP68, IP67   IP68   IP68   IP67   IP68   IP67   IP68	Width across flats	SW17
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cuteficial condition protection degree inserted, screwed     Children Degree		IP65 IP67
lated surp voltage 3  Interest group (EC 9684-1)  I  Mechanical data   Material data    Sociating locking   Nickeled    Statural group (EC 9684-1)  IFM  Mechanical data   Material data    Sociating locking   Nickeled    Statural group (EC 9684-1)  FMM  International power   FMM  Internation		· · · · · · · · · · · · · · · · · · ·
lateral group (IEC 6686-1) 1  Index-hancel data I Merical data Web-hancel data I Merical data	' '	
Interior group (IEC 60694-1)  Mechanical data   Material data  Satisful pokeing   Nickeled    Asterial pasket   FKM    Asterial pokeing   PIM    Zinc de-casting    Zinc de-casting    Zinc de-casting    Zinc de-casting    Mechanical data   Mounting data    Nouring method    Inserted, screwed, Shaking protection    Environmental characteristics   Climatic    Sperating temperature min.   -25 °C    Sperating temperature min.   -25 °C    Sperating temperature mape    See °C    defended and a standard    Inserted   See 1076-2-111    Sable Type   3    See 10    Sable (Subtraction   P34    Sable Type   3    Sable (Subtraction   10		
Mechanical data   Material data   Material data   Continue   Con		1,0 00
Assiring Jocking Nickeled  Asterial gasket  FKM  Mechanical data   Mounting data  Mounting material  According Material  Accor		
faterial gasket FKM faterial housing PUR dechanical data   Mounting data  Mounting method Inserted, screwed, Shaking protection  Environmental characteristics   Climate  Departang temperature min25 °C  Departang temperature max65 °C  dictional condition temperature range depending on cable quality  Conformity  Product standard IEC 61076-2-111  Installation   Cabbe  asable identification   P34  abile Type 3  Trining color of wire insulation black (white isolation), white (isolation blue), white (isolation brown), white (isolation black), white (gray isolation standing it arrangement gray 5, black 4, blue 3, white 2, brown 1  **raversing diletance (C-track) 5 m @ 25 °C  **rated on ingredients (jacket) PUR  **rated when ingredients (jacket) PUR  **rated when ingredients (jacket) 15 °S  **rated when ingredients (jacket) 15 °S  **rated when insulation 15 °S  **rated when insulation 15 °S  **rated when ingredients (jacket) 15 °S  **rated when ingredients (jacket) 15 °S  **rated when insulation 15 °S  **rated on insulati	· ·	NP-111
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Mechanical data   Mounting data  Mechanical data   Mounting data  Inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Deparating temperature min.		
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Continuity   IEC 61076-2-111	Operating temperature max.	85 °C
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P34  able identification P34  able Type 3  able (white isolation), white (isolation blue), white (isolation brown), white (isolation black), white (gray isolation acket Color black  ype of Certificate cURus  amount stranding 1  ablack amount stranding 5  ablack amount stranding 1  ablack amount stranding 5  ablack amount stranding 5  ablack amount stranding 6  ablack amount stranding 6  ablack amount stranding 7  ablack amount stranding 7  ablack amount stranding 8  ablack amount stranding 8  ablack amount stranding 9  ablack amount stranding amount stranding discharge amount stranding 8  ablack amount stranding discharge (ablack amount stranding amount stranding amount stranding amount stranding amount stranding 8  ablack amount stranding 9  ablack amount		IEC 010/0-2-111
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Stranding 5 wires around Filler twisted    Siller	Type of Certificate	cURus
westire arrangement gray 5, black 4, blue 3, white 2, brown 1  For arrangement gray 6, black 4, blue 3, white 2, brown 1  For arrangement gray 6, brown 1  For arrangement gr	Amount stranding	
gray 5, black 4, blue 3, white 2, brown 1 fraversing distance (C-track) 5 m @ 25 °C  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) 9,5 mm  Folerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 5  Outer diameter insulation 2,85 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 brown), white (isolation black), white (gray isolation wount strands (wire) 141  Diameter of single wires 0,15 mm  Conductor crosssection (wire) 2,5 mm²  Material conductor wire Stranded copper wire, bare  Stornductor type (wire) strand class 6  Iominal voltage AC max. 1000 V  Current load capacity (standard) to DIN VDE 0298-4	Stranding	5 wires around Filler twisted
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Shore hardness jacket 90 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Freedom from ingredients (jacket) 9,5 mm  Freedom from ingredients (jacket) 9,5 mm  Freedom from ingredients (sheath) ± 5 %  Freedom from ingredien	Traversing distance (C-track)	5 m @ 25 °C
lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Duter-diameter (jacket) 9,5 mm  Deference outer diameter (sheath) 45 %  Material wire insulation PP  Amount wires 5 Duter diameter tolerance core insulation 2,85 mm  Duter diameter tolerance core insulation 45 %  Shore hardness wire insulation 10 ± 5 %  Shore hardness wire insulation 10 ± 5 %  Head-free, cadmium-free, CFC-free, halogen-free, silicone-free  Printing color of wire insulation 10 ± 5 %  Printing color of wire insulation 11 ± 10  Diameter of single wires 12 ± 1 mm  Donductor crosssection (wire) 14 ± 10  Donductor crosssection (wire) 14 ± 2,5 mm²  Material conductor wire 14 ± 3,5 mm²  Material conductor wire 14 ± 5,5 mm²  Material conductor wire 15 tranded copper wire, bare  Material conductor wire 15 tranded copper wire, bare  Material voltage AC max. 1000 V	Material jacket	
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Outer diameter insulation  2,85 mm  Outer diameter tolerance core insulation  5 %  Shore hardness wire insulation  60 ± 5 Shore D  Ingredient freeness wire insulation  Idead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Printing color of wire insulation  Indicate of single wires  Indicate of single wires  Inductor crosssection (wire)  Indicate of single wires  Inductor crosssection (wire)  Indicate of single wires  Inductor type (wire)  Indicate of single wires  Inductor type (wire)  Indicate of single wires  Inductor type (wire)  Indicate of single wires  Indicate of si	Material wire insulation	PP
Duter 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 with the single wires of single wires 0,15 mm Conductor crosssection (wire) 2,5 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Idominal voltage AC max. 1000 V Current load capacity (standard) to DIN VDE 0298-4	Amount wires	5
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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 brown) white (isolation black) white (gray isolation brown) white (isolation brown) white (isolation brown) white (isolation black) white (gray isolation brown) white (isolation brown) white (isolation brown) white (isolation black) white (gray isolation brown) white (isolation brown) white (isol	Outer diameter tolerance core insulation	±5%
Printing color of wire insulation Mount strands (wire)  141  Diameter of single wires  Conductor crosssection (wire)  Atterial conductor wire  Conductor type (wire)  Stranded copper wire, bare  Conductor type (wire)  Stranded capacity (standard)  Surrent load capacity (standard)  black (white isolation), white (isolation brown), white (isolation black), white (gray isolation brown), white (isolation brown), white (iso	Shore hardness wire insulation	60 ± 5 Shore D
Amount strands (wire)  141  Diameter of single wires  0,15 mm  Conductor crosssection (wire)  2,5 mm²  Material conductor wire  Stranded copper wire, bare  Conductor type (wire)  strand class 6  Idminal voltage AC max.  1000 V  Current load capacity (standard)  to DIN VDE 0298-4	Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Diameter of single wires 0,15 mm  Conductor crosssection (wire) 2,5 mm²  Material conductor wire Stranded copper wire, bare  Conductor type (wire) strand class 6  Hominal voltage AC max. 1000 V  Current load capacity (standard) to DIN VDE 0298-4	Printing color of wire insulation	black (white isolation), white (isolation blue), white (isolation brown), white (isolation black), white (gray isolation)
Conductor crosssection (wire)  2,5 mm²  Material conductor wire  Stranded copper wire, bare  Conductor type (wire)  strand class 6  Hominal voltage AC max.  1000 V  Current load capacity (standard)  to DIN VDE 0298-4	Amount strands (wire)	141
Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6  Idominal voltage AC max. 1000 V  Current load capacity (standard) to DIN VDE 0298-4	Diameter of single wires	0,15 mm
Conductor type (wire) strand class 6  Iominal voltage AC max. 1000 V  Current load capacity (standard) to DIN VDE 0298-4	Conductor crosssection (wire)	2,5 mm²
Jominal voltage AC max. 1000 V Current load capacity (standard) to DIN VDE 0298-4	Material conductor wire	Stranded copper wire, bare
Current load capacity (standard) to DIN VDE 0298-4	Conductor type (wire)	strand class 6
	Nominal voltage AC max.	1000 V
Current load capacity min. wire 19,5 A	Current load capacity (standard)	to DIN VDE 0298-4
	Current load capacity min. wire	19,5 A

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-15



Electrical resistance line constant wire	8 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   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 (installation)	x Outer diameter
Bending radius (fixed)	7,5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
Travel speed (C-track)	5 Mio. @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min