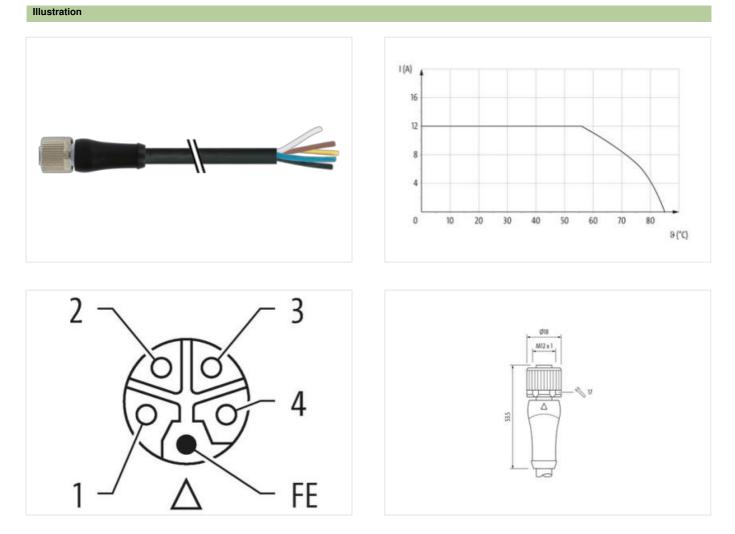


## M12 Power female 0° L-cod. with cable

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

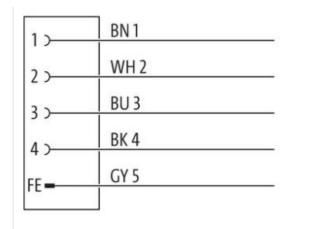
Power Female straight M12, 5-pole L-coded with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

## Link to Product



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Product may differ from Image



Cable length	10 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 $\emptyset$ )	12 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	4048879646215
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	

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100 mm
SW17
IP65, IP67
inserted, screwed
3
1,5 kV
Nickeled
FKM
PUR
Zinc die-casting
inserted, screwed, Shaking protection
-25 °C
85 °C
depending on cable quality
Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
IEC 61076-2-111
D04
P04 3
5 black (white isolation), white (isolation blue), white (isolation brown), white (isolation black), white (gray isolation)
black
cURus
1
5 wires around Filler twisted
yes
gray 5, black 4, blue 3, white 2, brown 1
5 m @ 25 °C
129,8 g/m
PUR
90 ± 5 Shore A
lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
8,2 mm
±5%
PP
5
2,3 mm
±5%
60 ± 5 Shore D
lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
,
black (white isolation), white (isolation blue), white (isolation brown), white (isolation black), white (grav isolation)
black (white isolation), white (isolation blue), white (isolation brown), white (isolation black), white (gray isolation) 84
black (white isolation), white (isolation blue), white (isolation brown), white (isolation black), white (gray isolation) 84 0,15 mm

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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
Travel speed (C-track)	5 Mio. @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min

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