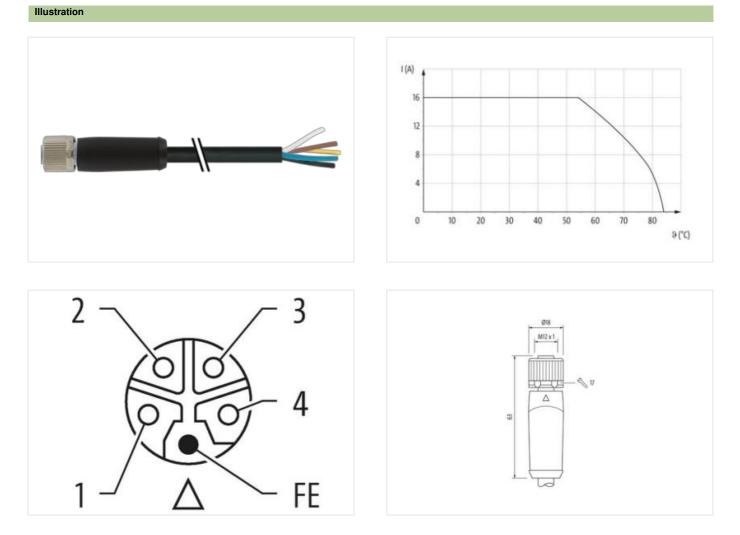


M12 Power female 0° L-cod. with cable

PUR 5x2.5 bk UL/CSA+drag ch. 10m

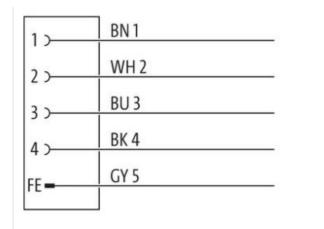
Power Female straight M12, 5-pole L-coded with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

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 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	4048879858168
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	
mation in this Product-PDE has been compiled with th	

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Device protection ElectricalDegree of protection (EN IEC 60529)IP6Additional condition protection degreeinsePollution Degree3Rated surge voltage1,5Material group (IEC 60664-1)IMechanical data Material dataCoating lockingCoating lockingNiceMaterial gasketFKIMaterial housingPULocking materialZineMechanical data Mounting dataInseMounting methodinseEnvironmental characteristics ClimaticOperating temperature min25Operating temperature max.85Additional condition temperature rangedegrConformityProduct standardIECInstallation CableCable identificationP34	
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Product standard IEC Installation Cable Cable identification P34	EC 61076-2-111
Installation Cable Cable identification P34	C 61076-2-111
Cable identification P34	
	34
Cable Type 3	
Printing color of wire insulation black	ack (white isolation), white (isolation blue), white (isolation brown), white (isolation black), white (gray isolation)
	ack
Type of Certificate cUI	JRus
Amount stranding 1	
Stranding 5 w	wires around Filler twisted
Filler yes	25
wire arrangement gra	ray 5, black 4, blue 3, white 2, brown 1
Traversing distance (C-track) 5 m	m@25°C
Material jacket PU	UR
Shore hardness jacket 90	0 ± 5 Shore A
Freedom from ingredients (jacket) lead	ad-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket) 9,5	5 mm
Tolerance outer diameter (sheath) ± 5	5%
Material wire insulation PP	Ρ
Amount wires 5	
Outer diameter insulation 2,8	85 mm
Outer diameter tolerance core insulation ± 5	5 %
Shore hardness wire insulation 60	0 ± 5 Shore D
Ingredient freeness wire insulation least	ad-free, cadmium-free, CFC-free, halogen-free, silicone-free
Printing color of wire insulation black	ack (white isolation), white (isolation blue), white (isolation brown), white (isolation black), white (gray isolation)
Amount strands (wire) 141	41
Diameter of single wires 0,1	15 mm
Conductor crosssection (wire) 2,5	5 mm ²
Material conductor wire Stra	tranded copper wire, bare
Conductor type (wire) stra	rand class 6
Nominal voltage AC max. 100	000 V
Current load capacity (standard) to I	DIN VDE 0298-4
Current load capacity min. wire 19,	254

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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

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