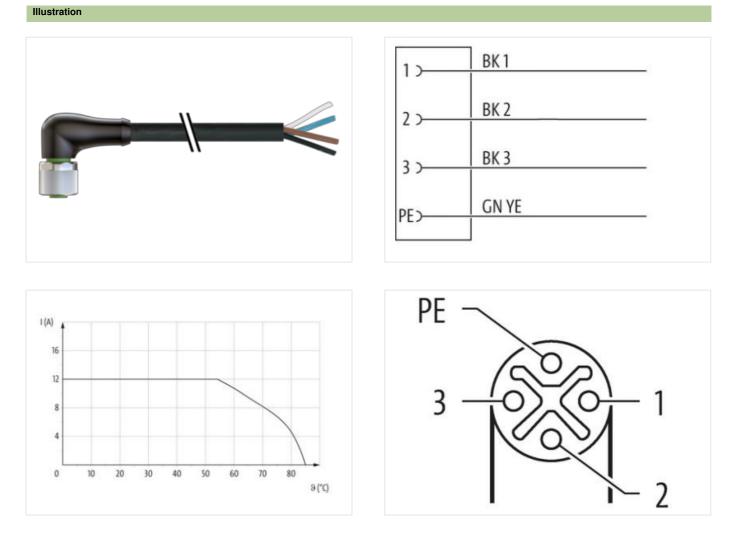


M12 Power female 90° S-cod. with cable

PUR 4x1.5 bk UL/CSA+drag ch. 10m

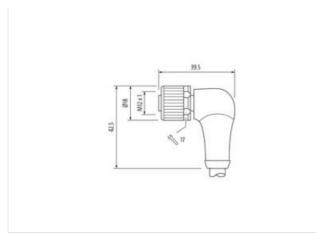
Power Female 90° M12, 4-pole S-coded with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

Link to Product



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Product may differ from Image



Side 1 Tightening torque 0.6 Nm Souting contact gold plated Samily construction form M12P Thread M12 x 1 uitable for corrugated tube (internal Ø) 12 mm Soding S Ataterial contact Copper alloy So of poles 4 Side 2 Staterial contact Soding S States Active Tomm Conservation 100 mm Conservation 27279218 CoLASS-6.0 27279218 CoLASS-7.0 27279218 CoLASS-6.1 27279218 CoLASS-6.0 27279218 CoLASS-6.0 27279218 CoLASS-7.0 27060327 COLASS-1.1 27060311 CoLASS-1.2 27060327 CoLASS-1.3 27060327 CoLASS-1.1 27060327 States States Start Mark 4048879730792 Cackaging unit 1 Electrical datal Supply State		
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Current operating per contact max. 12 A Diagnostics Status indication LED no	Electrical data Supply	
Diagnostics Status indication LED no	Operating voltage AC max.	600 V
Status indication LED no	Current operating per contact max.	12 A
	Diagnostics	
Installation Connection	Status indication LED	no
	Installation Connection	

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Stripping length (jacket)	100 mm
Width across flats	SW17
Device protection Electrical	
Degree of protection (EN IEC 60529)	IP65. IP67
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	6 kV
Material group (IEC 60664-1)	
Mechanical data Material data	
Coating locking	Nickeled
Material gasket	FKM
Material housing	PUR
Locking material	Zinc die-casting
с С	
Mechanical data Mounting data	incented comment Obalian methodian
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
Important installation notes	
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
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	
Product standard	IEC 61076-2-111
Installation Cable	
Cable identification	P16
Cable Type	3
Printing color of wire insulation	white (isolation black)
Jacket Color	black
Type of Certificate	cURus
Amount stranding	1
Stranding	4 wires twisted
wire arrangement	green-yellow, black 3, black 2, black 1
Cable weigth	114,4 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)	7,2 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PP
Amount wires	4
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	white (isolation black)
Amount strands (wire)	84
Diameter of single wires	0,15 mm
Diamotor of origin three	
Conductor crosssection (wire)	1,5 mm ²

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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	14,4 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 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 (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

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