

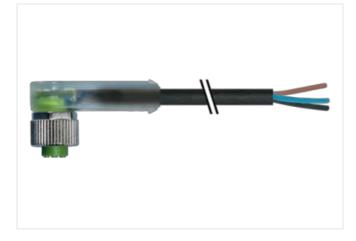
M12 female 90° A-cod. with cable LED+Suppression

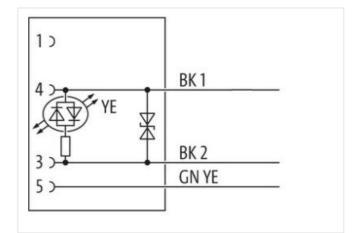
PUR 3x0.75 bk UL/CSA+drag ch. 1.5m

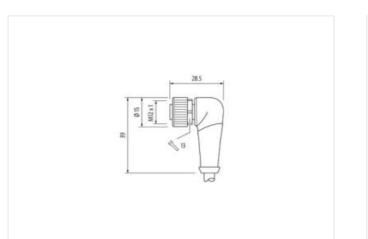
Female 90° M12, 3-pole LED and suppression with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

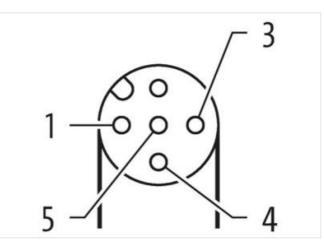
Link to Product

Illustration









Product may differ from Image



1,5 m

0,6 Nm

Cable length

Side 1

Tightening torque

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Thread M12 x 1 uitable for corrugated tabe (internal Ø) 10 mm Cading A Cading A Material PUR With arcoss flats SW13 Degree of protection (FN EC 60529) PPS, IPB6K, IP87 Side 2 Side 1 20 mm Side 1 7279219 ECLASS 6.0 27279219 ECLASS 6.1 27279219 ECLASS 6.1 27279219 ECLASS 9.0 27060311 ECLASS 9.0 27060311 ECLASS 1.1 27060311 ECLASS 1.2 27000311 ECLASS 1.2 2000311 ECLASS 1.2 2000311 ECLASS 1.2 200001	Mounting method	inserted, screwed
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Material screw connection Zinc die-casting		
Mechanical data Mounting data		
	Mechanical data Mounting data	

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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. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be
Note on bending radius	endangered by excessive bending forces.
Conformity	
Product standard	DIN EN 61076-2-101 (M12)
Installation Cable	
Cable identification	636
Cable Type	3
Printing color of wire insulation	white (isolation black)
Jacket Color	black
Type of Certificate	cURus
Amount stranding	1
Stranding	3 wires twisted
wire arrangement	black 1, black 2, green-yellow
Traversing distance (C-track)	10 m @ 25 °C horizontal
Cable weigth	56,1 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)	5.9 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PP
Amount wires	3
Outer diameter insulation	3 1,85 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	70 ± 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)	42
Diameter of single wires	42 0,15 mm
Conductor crosssection (wire) Material conductor wire	0,75 mm²
	Stranded copper wire, bare
Conductor type (wire) Nominal voltage AC max.	strand class 6 300 V
	to DIN VDE 0298-4
Current load capacity (standard) Current load capacity min. wire	
Electrical resistance line constant wire	12 A 26 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2.5 kV @ 60 s
	2,3 א א ש 200 א
Power frequency withstand voltage (wire - jacket)	2,5 kV @ 60 s
Min. operating temperature (static)	-40 °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	IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090
chemical resistance	Good, application-related testing

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Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
Travel speed (C-track)	10 Mio. @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min

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