

M12 female 90° A-cod. with cable LED

PUR 3x0.34 gy UL/CSA+robot+drag ch. 1.5m

Female 90° M12, 4-pole 2× LED (PNP) bridged

Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

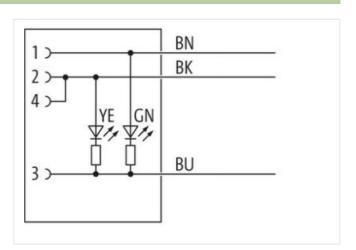
Plastic housings with good resistance against chemicals and oils.

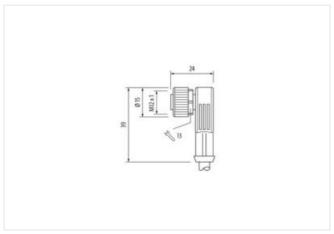
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

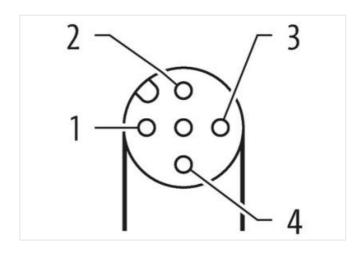
Link to Product

Illustration









Product may differ from Image











Cable length

1,5 m

Side 1



Mounting method meriod, correspondent from M12 Framily construction from M12 x 1 Inchanged of the conceptable by (internal City) 10 mm Machinal PUR Wind according (IN EC 6056) IPSR, IPSR/IPSR Degree of protecting (IN EC 6056) IPSR, IPSR/IPSR ECLASS-6.0 27778218 ECLASS-6.1 27279218 ECLASS-7.0 2779218 ECLASS-8.0 27760311 ECLASS-9.0 27060311 ECLASS-1.1 27060311 ECLASS-1.2 27060311 ECLASS-1.2.0 27060311 ECLASS-1.0 27060311 ECLASS-1.0 27060311 ECLASS-1.0 27060311 ECLASS-1.0 27060311 ECLASS-1.0 27070311 ECLASS-1.0 27070311 EDIMA-1.0 40644200 Orabid Francisco 1 Packaging unit 1 Electrical data Suppty 30 V Operating voltage DC min. 30 V Operating voltage DC max. 3	Tightening torque	0,6 Nm
Thread	Mounting method	inserted, screwed
Malerial PUR Michael PUR PUR Michael PUR	Family construction form	M12
Material	Thread	M12 x 1
Width across flats SW13 Degree of protection (EN IEC 6052s) P955, P96K, IP67 Commercial date P955, P96K, IP67 ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27760311 ECLASS-10.1 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ETIM-5.0 E001855 customs tariff number 85000 GTIN 4048579419338 Packaging unit 1 Clectrical data Supply Poperating voltage DC Operating voltage DC max. 30 V Device protection Electrical Additional condition protection degree inserted, screwed Pollutio	suitable for corrugated tube (internal Ø)	10 mm
Degree of protection (EN IEC 60529)	Material	PUR
Commercial data	Width across flats	SW13
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Additional condition temperature range depending on cable quality Important installation notes		
Important installation notes		
		Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.



stay connected

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.

3	endangered by excessive bending forces.
Conformity	
Product standard	DIN EN 61076-2-101 (M12)
Installation Cable	
wire arrangement	brown, black, blue
Cable identification	253
Cable Type	5
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	1
Stranding	3 wires twisted
wire arrangement	brown, black, blue
Cable weigth	29,7 g/m
Material jacket	PUR
Shore hardness jacket	58 ± 3 Shore D
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	4,3 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PP
Amount wires	3
Outer diameter insulation	1,25 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	74 ± 3 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	42
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,34 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	6 A
Electrical resistance line constant wire	60 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2,5 kV @ 60 s
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
Flame resistance	UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404 Good, application-related testing
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of bending cycles (C-track)	10 Mio. @ 25 °C
Traversing distance (C-track)	5 m @ 25 °C horizontal
Travel speed (C-track)	3,3 m/s @ 25 °C
No. of torsion cycles	1 Mio.
Torsion stress	± 360 °/m
Torsion speed	35 cycles/min