

M12 male 0° / M12 female 90° A-cod. LED

PUR 4x0.34 bk UL/CSA+robot+drag ch. 2.5m

Male straight – female 90° M12 – M12, 4-pole 2× LED (PNP), (NPN) on request

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

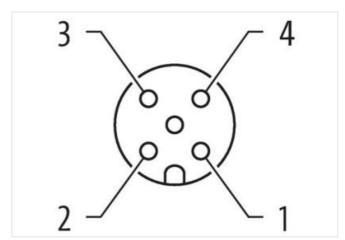
Plastic housings with good resistance against chemicals and oils.

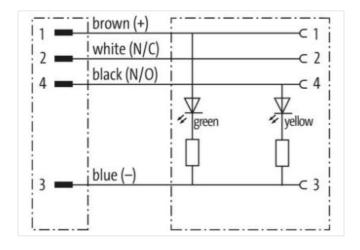
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

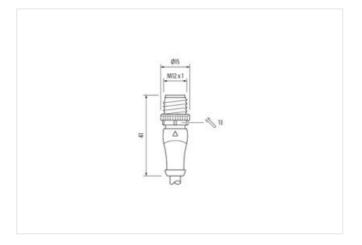
Link to Product

Illustration





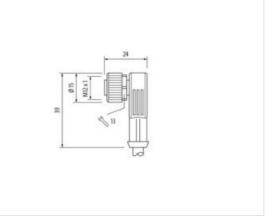






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Product may differ from Image











Cable length	2,5 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
Material	PUR
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP66K, IP67
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
Material	PUR
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP66K, IP67
Commercial data	
ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ECLASS-10.1	27060311
ECLASS-11.1	27060311
ECLASS-12.0	27060311
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4065909000786
Packaging unit	1
Electrical data Supply	
Operating voltage DC	24 V



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Operating voltage DC max. 30 V Current operating per content max. 4 Å Installation (Commencion Mounting set M12 x 1 Device protection (Electrical Mounting set M22 x 1 Device protection (Electrical Additional condition pretection degree inserted, screwed Pollution Degree 3 Ration stage voltage on pretection degree inserted, screwed Pollution Degree 3 Ration stage voltage on pretection degree inserted, screwed Pollution Degree 3 Ration stage voltage on pretection degree inserted, screwed Pollution Degree 3 Ration stage voltage on pretection degree inserted, screwed Pollution Degree 3 Ration stage voltage on pretection degree inserted, screwed Shaking protection Environmental characteristics (Climatic Commencial Abundancy and Stage Commencial Condition temperature min. Pollution pretection stallation and screwed on about stage of the protection temperature min. Pollution stage on a strain relief Protection temperature maps. Note on strain relief Protection and screwed on about stage of the stage of cable ties. Note on strain relief Protection and screwed protection of the scre	Operating voltage DC min.	18 V
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Material wire insulation PP Amount wires 4 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	Outer-diameter (jacket)	4,7 mm
Amount wires 4 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		± 5 %
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Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6		
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 4,8 A		· ·
Electrical resistance line constant wire 60 Ω/km @ 20 °C	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
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)	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