

M12 female 90° A-cod. with cable LED

PUR 5x0.34 ye UL/CSA+robot+drag ch. 1.5m

Female 90° Zinc die casting, save-cover coated M12, 5-pole 3× LED (PNP)

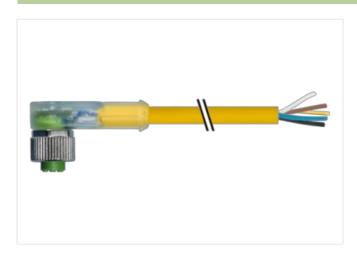
Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

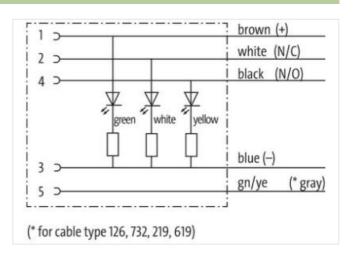
Plastic housings with good resistance against chemicals and oils.

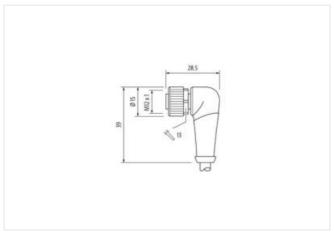
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

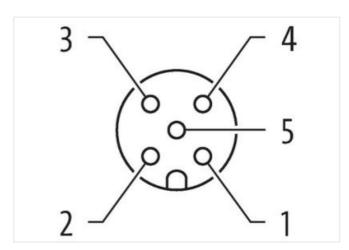
Link to Product

Illustration









Product may differ from Image











Cable length

1,5 m

Side 1



stay connected

Family construction form M12 Thread M12 x 1 unitable for construction form M12 x 1 Coding A Material PUR Width across fluts SW13 Degree of protection (ENIEC 60529) DESE, IP66K, IP67 Commercial date Commercial date ECLASS-6.0 2779218 ECLASS-7.0 2779218 ECLASS-9.0 2779218 ECLASS-9.0 2779218 ECLASS-9.0 2779218 ECLASS-9.1 27063311 ECLASS-9.1 27063311 ECLASS-10.1 27063311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ETIM-5.0 ECOLESS-12.0 GTIN 404887953548 Packaging unit 1 Effectival data [Supply Operating voltage DC 24 V Operating voltage DC max. 30 V Operating voltage DC max. 4 A Diagnostics M12 x 1 Status incurrence protection [Electrical AV </th <th>Tightening torque</th> <th>0,6 Nm</th>	Tightening torque	0,6 Nm
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Additional condition temperature range depending on cable quality Important installation notes	Operating temperature min.	-25 °C
Important installation notes	Operating temperature max.	85 °C
	Additional condition temperature range	depending on cable quality
Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.	Important installation notes	
	Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.



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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 DIN EN 61076-2-101 (M12) Installation Cable Cable identification 055 Cable Type 5 Jacket Color yellow Type of Certificate cURus	
Installation Cable Cable identification 055 Cable Type 5 Jacket Color yellow	
Cable identification 055 Cable Type 5 Jacket Color yellow	
Cable identification 055 Cable Type 5 Jacket Color yellow	
Cable Type 5 Jacket Color yellow	
Jacket Color yellow	
Type of Certificate CURUS	
Assessed about the second second	
Amount stranding 1	
Stranding 5 wires around Core filler twisted	
Filler yes	
wire arrangement brown, black, blue, white, green-yellow	
Traversing distance (C-track) 5 m @ 25 °C horizontal	
Cable weigth 41,8 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) 5 mm	
Tolerance outer diameter (sheath) ± 5 %	
Material wire insulation PP	
Amount wires 5	
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 mm ²	
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 4,5 A	
Electrical resistance line constant wire $60 \Omega/\text{km} @ 20 ^{\circ}\text{C}$	
AC withstand voltage (wire - wire) 2,5 kV @ 60 s	
Power frequency withstand voltage (wire -	
jacket) 2,5 kV @ 60 s	•
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jacket) 2,5 kV @ 60 s	
jacket) 2,5 kV @ 60 s Min. operating temperature (static) -40 °C	
Jacket) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation	
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Jacket) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2 chemical resistance 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	
Jacket) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature min. (dynamic) Flame resistance UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2 Chemical resistance Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter Travel speed (C-track) 10 Mio. @ 25 °C	