

M12 female 90° A-cod. with cable LED

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

Female 90° M12, 5-pole 3× LED (PNP)

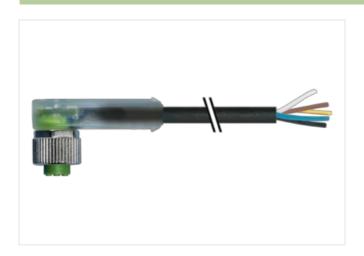
Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

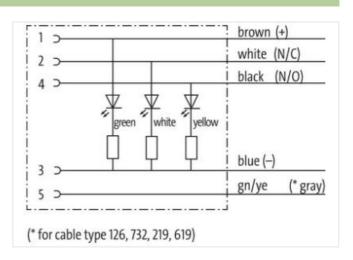
Plastic housings with good resistance against chemicals and oils.

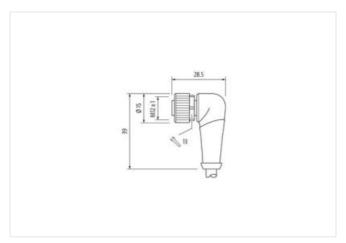
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

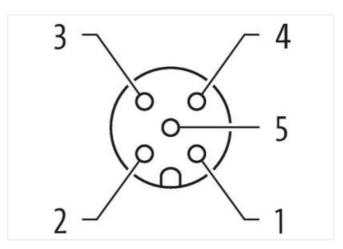
Link to Product

Illustration









Product may differ from Image











Cable length

1,5 m

Side 1

Tightening torque

0,6 Nm

The information in this Product-PDF has been compiled with the utmost care.

Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-06



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Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Coding	A
Material	PUR
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, 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	4048879201964
Packaging unit	1
Electrical data Supply	
Operating voltage DC	24 V
Operating voltage DC min.	18 V
Operating voltage DC max.	30 V
Operating voltage DC max. (UL-listed)	30 V
Current operating per contact max.	4 A
Diagnostics	
Status indication LED	green, white, yellow
Installation Connection	
Mounting set	M12 x 1
Device protection Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	0,8 kV
Material group (IEC 60664-1)	J.
Mechanical data Material data	
Coating locking	Nickeled
Coating of fitting	nickel plated
Locking material	Zinc die-casting
Material screw connection	Zinc die-casting Zinc die-casting
Mechanical data Mounting data	and the decting
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics Climatic	**
·	-25 °C
Operating temperature min.	-25 °C 85 °C
Operating temperature max.	
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.

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Interial conductor wire Stranded copper wire, bare strand class 6 stranded copper wire, bare strand class 6 str	Diameter of single wires	0,1 mm
strand class 6 forminal voltage AC max. 300 V furrent load capacity (standard) to DIN VDE 0298-4 furrent load capacity min. wire 4.5 A flectrical resistance line constant wire 57 Ω/km @ 20 °C C withstand voltage (wire - wire) 2.5 kV @ 60 s flin. operating temperature (static) -40 °C flax. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation perating temperature min. (dynamic) -25 °C perating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation IV resistance DIN EN ISO 4892-2 A lame resistance UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2 hemical resistance Good, application-related testing size of inserting temperature (sixed) 5 x Outer diameter ending radius (fixed) 5 x Outer diameter fracel speed (C-track) 10 Mio. @ 25 °C 10 of torsion cycles 2 Mio. orsion stress ± 180 °/m	Conductor crosssection (wire)	0,34 mm ²
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lo. of torsion cycles 2 Mio. forsion stress ± 180 °/m	Bending radius (dynamic)	10 x Outer diameter
orsion stress ± 180 °/m	Travel speed (C-track)	10 Mio. @ 25 °C
	No. of torsion cycles	2 Mio.
orsion speed 35 cycles/min	Torsion stress	± 180 °/m
	Torsion speed	35 cycles/min