

M12 female 90° A-cod. with cable LED

PUR 4x0.34 gy UL/CSA+drag ch. 1m

Female 90° M12, 4-pole 3× LED (PNP)

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

Plastic housings with good resistance against chemicals and oils.

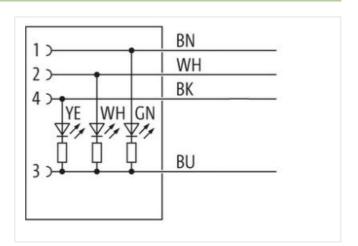
The resistance to aggressive media should be individually tested for your application. Further details on request.

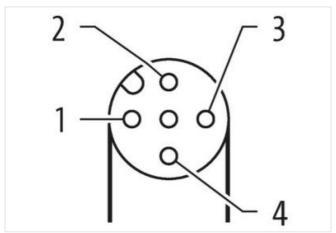
Further cable lengths on request.

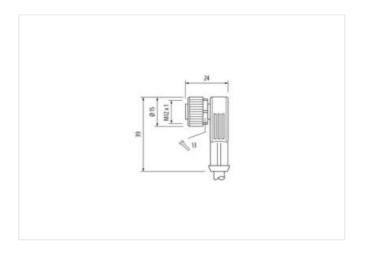
Link to Product

Illustration









Product may differ from Image











Cable length

1 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: 2024-05-17



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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	4048879373197
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	70
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Status indication LED	green, white, yellow
Installation Connection	
Mounting set	M12 x 1
Device protection Electrical	
A 1 Por 1 Por 1 Por 1	
Additional condition protection degree	inserted, screwed
Additional condition protection degree Pollution Degree	inserted, screwed 3
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Pollution Degree	3
Pollution Degree Rated surge voltage	3
Pollution Degree Rated surge voltage Material group (IEC 60664-1)	3
Pollution Degree Rated surge voltage Material group (IEC 60664-1) Mechanical data Material data	3 0,8 kV I
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Pollution Degree Rated surge voltage Material group (IEC 60664-1) Mechanical data Material data Coating locking Coating of fitting	3 0,8 kV I Nickeled nickel plated
Pollution Degree Rated surge voltage Material group (IEC 60664-1) Mechanical data Material data Coating locking Coating of fitting Locking material	3 0,8 kV I Nickeled nickel plated Zinc die-casting
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Pollution Degree Rated surge voltage Material group (IEC 60664-1) Mechanical data Material data Coating locking Coating of fitting Locking material Material screw connection Mechanical data Mounting data Mounting method	3 0,8 kV I Nickeled nickel plated Zinc die-casting Zinc die-casting inserted, screwed, Shaking protection
Pollution Degree Rated surge voltage Material group (IEC 60664-1) Mechanical data Material data Coating locking Coating of fitting Locking material Material screw connection Mechanical data Mounting data Mounting method Environmental characteristics Climatic Operating temperature min.	3 0,8 kV I Nickeled nickel plated Zinc die-casting Zinc die-casting inserted, screwed, Shaking protection
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Pollution Degree Rated surge voltage Material group (IEC 60664-1) Mechanical data Material data Coating locking Coating of fitting Locking material Material screw connection Mechanical data Mounting data Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range	3 0,8 kV 1 Nickeled nickel plated Zinc die-casting Zinc die-casting inserted, screwed, Shaking protection -25 °C 85 °C
Pollution Degree Rated surge voltage Material group (IEC 60664-1) Mechanical data Material data Coating locking Coating of fitting Locking material Material screw connection Mechanical data Mounting data Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Important installation notes	3 0,8 kV I Nickeled nickel plated Zinc die-casting Zinc die-casting inserted, screwed, Shaking protection -25 °C 85 °C depending on cable quality
Pollution Degree Rated surge voltage Material group (IEC 60664-1) Mechanical data Material data Coating locking Coating of fitting Locking material Material screw connection Mechanical data Mounting data Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range	3 0,8 kV 1 Nickeled nickel plated Zinc die-casting Zinc die-casting inserted, screwed, Shaking protection -25 °C 85 °C

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DIN EN 61076-2-101 (M12)
234
3
gray
cURus
1
4 wires twisted
brown, black, blue, white
36,3 g/m
PUR COLUMN A
90 ± 5 Shore A
lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
4,5 mm
±5%
PP
4
1,25 mm
±5%
70 ± 5 Shore D
lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
42
0,1 mm
0,34 mm ²
Stranded copper wire, bare
strand class 6
10 m @ 25 °C horizontal
300 V
to DIN VDE 0298-4
4,8 A
57 Ω/km @ 20 °C
2,5 kV @ 60 s
2,5 kV @ 60 s
-40 °C
80 °C / 90 °C @ 10000 h Operation
-25 °C
80 °C / 90 °C @ 10000 h Operation
IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2
Good, application-related testing
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Good, application-related testing Good, application-related testing DIN EN 60811-404
Good, application-related testing Good, application-related testing DIN EN 60811-404 5 x Outer diameter
Good, application-related testing Good, application-related testing DIN EN 60811-404 5 x Outer diameter 10 x Outer diameter
Good, application-related testing Good, application-related testing DIN EN 60811-404 5 x Outer diameter 10 x Outer diameter 10 Mio. @ 25 °C