

M12 female 90° A-cod. with cable LED

PUR 5x0.34 bk UL/CSA+drag ch. 7.5m

Female 90° M12, 5-pole 3× LED (PNP)

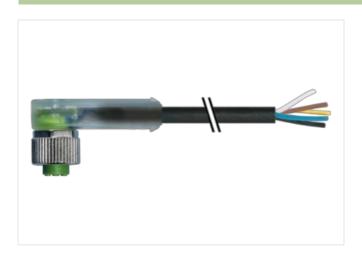
Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

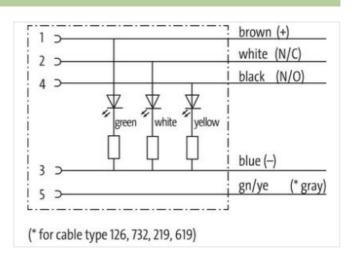
Plastic housings with good resistance against chemicals and oils.

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

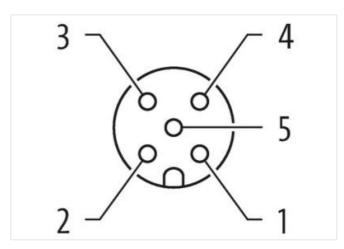
Link to Product

Illustration









Product may differ from Image











Cable length

7,5 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: 2024-05-03



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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	4048879201933
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
	47
Diagnostics	
Status indication LED	green, white, yellow
Installation Connection	
Mounting set	M12 x 1
Device protection Electrical	
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
Pollution Degree Rated surge voltage Material group (IEC 60664-1) Mechanical data Material data Coating locking	3 0,8 kV I Nickeled
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
Pollution Degree Rated surge voltage Material group (IEC 60664-1) Mechanical data Material data Coating locking Coating of fitting Locking material Material screw connection	3 0,8 kV I Nickeled nickel plated Zinc die-casting
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	3 0,8 kV 1 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	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 1 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. Operating temperature max.	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	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. Operating temperature max. Additional condition temperature range Important installation notes	3 0,8 kV 1 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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installation I Cable able demification 835 able 17ype 3 acket Color black your of Conflicted culture 1 transing 5 wires around Core filter twisted 1 transing 6 wires around Core filter twisted 1 transing 1 transing 5 wires around Core filter twisted 1 transing 1 tran	Product standard	DIN EN 61076-2-101 (M12)
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Manuel strands (wire) 42	Shore hardness wire insulation	
Diameter of single wires 0,1 mm 0,34 mm² 0,34		<u> </u>
Aderial conductor wire Stranded copper wire, bare Stranded copper wire, bare Strand class 6 Sominal voltage AC max. Som V Fourier I load capacity (standard) Fourier I load capacity (standard) Fourier I load capacity min. wire 4.5 A Fourier I load capacity min. wire 4.5 A	Amount strands (wire)	42
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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cover frequency withstand voltage (wire - cket) 2,5 kV @ 60 s fin. operating temperature (static) 40 °C fax. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature min. (dynamic) Operating temperature min. (dynamic) Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation Oversity resistance DIN EN ISO 4892-2 A Iame resistance UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2 Inhemical resistance Good, application-related testing Oil resistance Good, application-related testing Oil resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Fending radius (fixed) 5 x Outer diameter Fending radius (dynamic) 10 x Outer diameter Fravel speed (C-track) 10 Mio. @ 25 °C 10. of torsion cycles ± 180 °/m	Electrical resistance line constant wire	
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Apperating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation DIN EN ISO 4892-2 A Ilame resistance UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2 Inemical resistance Good, application-related testing Good, application-related testing DIN EN 60811-404 Inequality (fixed) 5 x Outer diameter Inequality (dynamic) 10 x Outer diameter Inequality (dynamic) 10 x Outer diameter Inequality (C-track) 10 Mio. @ 25 °C Inequality (dynamic)	Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
DIN EN ISO 4892-2 A Idame resistance UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2 hemical resistance Good, application-related testing dissoline resistance Good, application-related testing bil resistance Good, application-related testing DIN EN 60811-404 fending radius (fixed) 5 x Outer diameter fending radius (dynamic) 10 x Outer diameter fravel speed (C-track) 10 Mio. @ 25 °C 10 of torsion cycles 2 Mio. forsion stress ± 180 °/m	Operating temperature min. (dynamic)	-25 °C
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ravel speed (C-track) 10 Mio. @ 25 °C lo. of torsion cycles 2 Mio. orsion stress ± 180 °/m	Bending radius (fixed)	5 x Outer diameter
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