

M12 male 0° / M8 female 90° A-cod. LED

PUR 4x0.25 gy UL/CSA+drag ch. 1m

Male straight – female 90° M12 – M8, 4-pole 2× LED (PNP), (NPN) on request

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

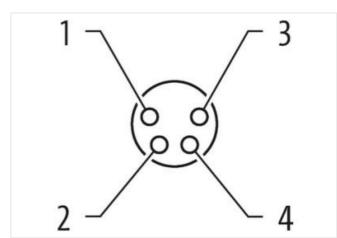
Plastic housings with good resistance against chemicals and oils.

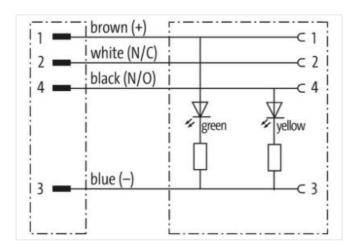
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

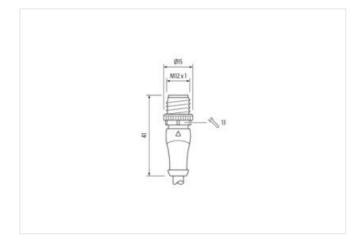
Link to Product

Illustration



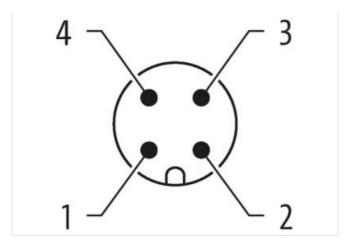








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Product may differ from Image





Cable length	1 m
Side 1	
Tightening torque	0,6 Nm
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)	IP66K, IP67
Side 2	
Tightening torque	0,4 Nm
Mounting method	inserted, screwed
Family construction form	M8
Thread	M8 x 1
suitable for corrugated tube (internal Ø)	6,5 mm
Coding	A
Material	PUR
Width across flats	SW9
Degree of protection (EN IEC 60529)	IP66K, IP67
Commercial data	
ECLASS-6.0	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	4048879586054
Packaging unit	1

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: 2024-04-23



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Departing voltage D C	Floatile of data Committee	
Operating voltage DC min. 18 V Operating voltage DC max. 30 V Operating voltage DC max. 4 A Operating voltage DC max. 4 A Device protection LExercised A Middisonal condition protection degree Inserted, screwed Fellotion Degree 3 Flated surper voltage 0,6 kV Mechanical data Material data A Scaling of Hilling nickel plated Locking or Hilling nickel plated Locking material Zinc die-casting Mounter or Hilling nickel plated Locking material Zinc die-casting Mounter or Hilling nickel plated Locking material Zinc die-casting Mounter or Hilling nickel plated Locking material Zinc die-casting Mounter or Hilling properation	Electrical data Supply	
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Spending voltage DC max. (LL-listed) 30 Y		
Disgnostics Status indication LED green, yellow Device protection Electrical Additional condition protection degree profusion propers 3		
Disputo protection Electrical	· · · · · · · · · · · · · · · · · · ·	30 V
Status indication LED	Current operating per contact max.	4 A
Device protection Electrical	Diagnostics	
Additional condition protection degree inserted, screwed Folithican Degree 3 Additional group (IEC 60664-1) I Wechanical data Material data Coating locking Nickeled Coating locking locking Nickeled Coating locking	Status indication LED	green, yellow
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Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm²	Ingredient freeness wire insulation	
Conductor crosssection (wire) 0,25 mm ²	Amount strands (wire)	
	Diameter of single wires	
Material conductor wire Stranded copper wire, bare	Conductor crosssection (wire)	· · · · · · · · · · · · · · · · · · ·
	Material conductor wire	Stranded copper wire, bare



Conductor type (wire)	strand class 6
Traversing distance (C-track)	10 m @ 25 °C horizontal
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	3,6 A
Electrical resistance line constant wire	79 Ω/km @ 20 °C
Nominal voltage power AC max.	300 V
Power frequency withstand voltage power (wire - jacket)	2,5 kV @ 60 s
AC withstand voltage power (wire - wire)	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
Flame resistance	IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2
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 torsion cycles	2 Mio.
Torsion speed	35 cycles/min
Torsion stress	± 180 °/m