

M12 female 0° A-cod. with cable

PVC 3x0.34 ye UL/CSA 15m

Female straight

M12, 3-pole

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

with cable sleeves

Plastic housings with good resistance against chemicals and oils.

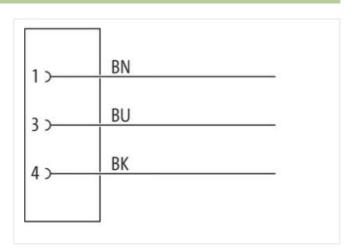
The resistance to aggressive media should be individually tested for your application. Further details on request.

Further cable lengths on request.

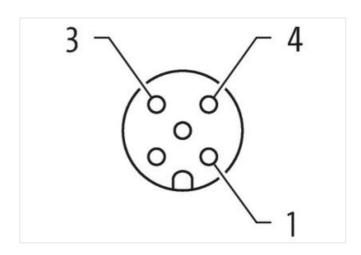
Link to Product

Illustration









Product may differ from Image













Cable length

15 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: 2024-05-18



stay connected

Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Coding	A
Material	PUR
No. of poles	3
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Stripping length (jacket)	20 mm
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	4048879341875
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	250 V
Operating voltage DC max.	250 V
Operating voltage AC (UL-listed)	30 V
Operating voltage DC (UL-listed)	30 V
Current operating per contact max.	4 A
Installation Connection	
Stripping length (jacket)	20 mm
Mounting set	M12 x 1
	WILXI
Device protection Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	2,5 kV
Material group (IEC 60664-1)	
Mechanical data Material data	
Coating locking	Nickeled
Coating of fitting	nickel plated
Locking material	Zinc die-casting
Material screw connection	Zinc die-casting
Mechanical data Mounting data	
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics Climatic	
Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
Important installation notes	
portant instanation notes	



stay connect	d
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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.	
Conformity		
Product standard	DIN EN 61076-2-101 (M12)	
Installation Cable		
Cable identification	013	
Cable Type	1	
Jacket Color	yellow	
Type of Certificate	cURus	
Amount stranding	1	
Stranding	3 wires twisted	
wire arrangement	brown, black, blue	
Cable weigth	34,1 g/m	
Material jacket	PVC	
<u> </u>	85 ± 5 Shore A	
Shore hardness jacket Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free	
Outer-diameter (jacket)	lead-tree, cadmium-tree, CFC-tree, silicone-tree 4,6 mm	
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Tolerance outer diameter (sheath) Material wire insulation	± 5 % PVC	
	3	
Amount wires		
Outer diameter insulation	1,25 mm	
Outer diameter tolerance core insulation	±5%	
Shore hardness wire insulation	45 ± 5 Shore D	
Material properties wire insulation	good machinability	
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free	
Amount strands (wire)	19	
Diameter of single wires	0,15 mm	
Conductor crosssection (wire)	0,34 mm ²	
Material conductor wire	Stranded copper wire, bare	
Conductor type (wire)	Strand class 5	
Nominal voltage AC max.	300 V	
Current load capacity (standard)	to DIN VDE 0298-4	
Current load capacity min. wire	6 A	
Electrical resistance line constant wire	57 Ω/km @ 20 °C	
AC withstand voltage (wire - wire)	2 kV @ 60 s	
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s	
Min. operating temperature (static)	-30 °C	
Max. operating temperature (fixed)	80 °C	
Operating temperature min. (dynamic)	-5 °C	
Operating temperature max. (dynamic)	80 °C	
Flame resistance	UL 1581 § 1090 IEC 60332-2-2 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	