

## M12 male 0° / M12 female 0° A-cod.

PVC 4x0.34 bk UL/CSA 2m

Male straight - female straight

M12 - M12, 4-pole

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

Plastic housings with good resistance against chemicals and oils.

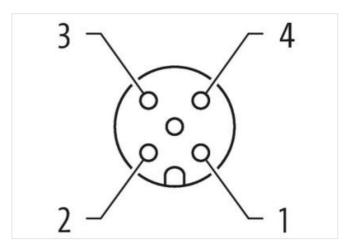
The resistance to aggressive media should be individually tested for your application. Further details on request.

Further cable lengths on request.

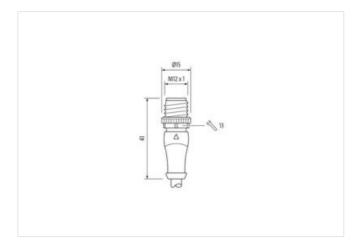
## **Link to Product**

## Illustration



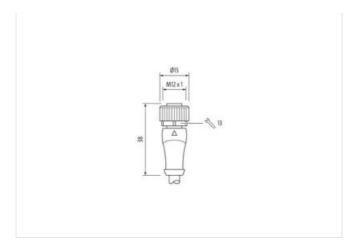


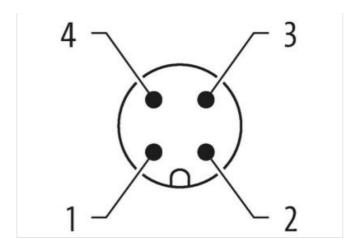






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Product may differ from Image



Cable length





2 m







Cable length	2 111
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)	IP65, IP66K, IP67
Side 2	
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
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	4048879183864



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Electrical data   Supply	
Operating voltage DC max.         250 V           Operating voltage AC (UL-listed)         30 V           Current operating per contact max.         4 A           Installation   Connection         M12 x 1           Mounting set         M12 x 1           Additional condition protection degree         Installation   Connection           Additional condition protection degree         Inserted, screwed           Pollution Degree         3           Rated surge voltage         2,5 kV           Material group (IEC 60664-1)         I           Mechanical data   Material data         Included   Material data   Mounting data   Material data   Mounting data   Material data   Mounting data   Material data   Mounting data	
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Pollution Degree         3           Rated surge voltage         2,5 kV           Material group (IEC 60664-1)         I           Mechanical data   Material data         I           Coating locking         Nickeled           Goating of fitting         nickel plated           Locking material         Zinc die-casting           Methanical data   Mounting data         Mechanical data   Mounting data           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Coperating temperature min.           Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         Note on strain relief           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable and agreed by excessive bending radii when laying cables, as the IP protection class endangered by excessive bending forces.           Conformity         Installation   Cable           wire arrangement         brown, black, blue, white           Cable identification         614           Cable tofor         black           Type of Certificate         cURus           Amou	
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Cable weigth 40,7 g/m Material jacket PVC	
Material jacket PVC	
CHARLE DEBUGGA (MARE) D.C. C. ADRIGE B.	
Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free	
Outer-diameter (jacket) 5 mm	
Tolerance outer diameter (sheath) ± 5 %	
Material wire insulation PVC	
Amount wires 4	
Outer diameter insulation 1,25 mm	
Outer diameter tolerance core insulation ± 5 %	
Shore hardness wire insulation 45 ± 5 Shore D	

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: 2024-05-10



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 mm²
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	4,8 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
UV resistance	DIN EN ISO 4892-2 A
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	DIN EN 60811-404   Good, application-related testing
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter