

## M12 female 0° A-cod. with cable

PVC 5x0.34 gy UL/CSA 3m

Female straight M12, 5-pole A-coded

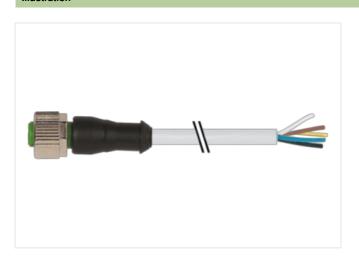
Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

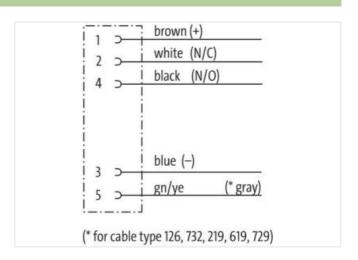
Plastic housings with good resistance against chemicals and oils.

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

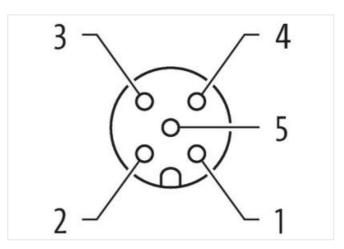
## **Link to Product**

## Illustration









Product may differ from Image













Cable length

3 m

Side 1

Tightening torque

0,6 Nm

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Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-04-26



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Ceating contact	Mounting method	inserted, screwed	
Family construction form         M12           Thread         M12 x 1           Coding         A           Coding         A           Material contact         Copper aloy           Material         PUR           Macro pones         5           Width across flats         SW13           Degree of protection (EN ISC 60529)         PS, FREK, IP67           Sife 2         Srpping length (jobdet)         20 mm           Conting content         good pated           Commercial date         Commercial date         Commercial date           ECLASS-8 0         2279218         CCLASS-80           ECLASS-9 0         2779218         CCLASS-90           ECLASS-9 0         2779218         CCLASS-90           ECLASS-9 0         2779218         CCLASS-90           ECLASS-11         27000311         CCLASS-10           ECLASS-12         27000311         CCLASS-10           ECLASS-13         27000311         CCLASS-10           ECLASS-12 0         27000311         CCLASS-10           ECLASS-10 0         27000311         CCLASS-10           CODING SOLITION OF CONTROLL         AD4807966169         CCLASS-10           Packaging unit		gold plated	
Tread			
Coding         A           Material contact         Copper alloy           No. of poles         5           No. of poles         5           Width across fields         SW13           Degree of protection (EN IEC 60529)         IPSS, IP66K, IP67           Side 2           Side 2           Command         gold plated           Command         gold plated           Command         27278218           ECLASS-6.0         27278218           ECLASS-7.0         27278218           ECLASS-8.0         27278218           ECLASS-9.0         27060311           ECLASS-1.1         27060311           ECLASS-1.2         27060311 <th colsp<="" td=""><td></td><td>M12 x 1</td></th>	<td></td> <td>M12 x 1</td>		M12 x 1
Material (oracted)         Copper alley           Material (oracted)         PUR           Width across flats         SW13           Degree of protection (INEC 60259)         IP56 I, PB6K, IP67           Stripping length (jacket)           2 Strepping length (jacket)         20 mm           Coating contact         gold plated           Coating contact           Coating contact           Coating contact           ECLASS-0         2779218           COATING           COATING         27060311           COATING         27060311           COATING         404887966169           COTING         404887966169           COTING         404887966169           Packaging unit         1           Electrical data   Supply           Operating voltage AC (Tu-Isted)           Operating voltage AC (Tu-Isted)	suitable for corrugated tube (internal Ø)	10 mm	
Material (oracted)         Copper alley           Material (oracted)         PUR           Width across flats         SW13           Degree of protection (INEC 60259)         IP56 I, PB6K, IP67           Stripping length (jacket)           2 Strepping length (jacket)         20 mm           Coating contact         gold plated           Coating contact           Coating contact           Coating contact           ECLASS-0         2779218           COATING           COATING         27060311           COATING         27060311           COATING         404887966169           COTING         404887966169           COTING         404887966169           Packaging unit         1           Electrical data   Supply           Operating voltage AC (Tu-Isted)           Operating voltage AC (Tu-Isted)		A	
Malerial   PUR   No. of poles   5   5   5   5   5   5   5   5   5	<u> </u>	Copper alloy	
Width across flats         SW13           Dagree of protection (EN IEC 80529)         IP65, IP68K, IP67           Sife 2         Proper of protection (EN IEC 80529)         IP65, IP68K, IP67           Stripping langth (jacket)         20 mm           Commercial date           Commercial date           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27060311           ECLASS-9.0         27060311           ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ECLASS-10.1         27060311           ECLASS-10.1 <td></td> <td></td>			
Width across flats         SW13           Dagree of protection (EN IEC 80529)         IP65, IP68K, IP67           Sife 2         Proper of protection (EN IEC 80529)         IP65, IP68K, IP67           Stripping langth (jacket)         20 mm           Commercial date           Commercial date           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27060311           ECLASS-9.0         27060311           ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ECLASS-10.1         27060311           ECLASS-10.1 <td>No. of poles</td> <td>5</td>	No. of poles	5	
Side 2           Stripping length (jacket)         20 mm           Coating contact         gold plated           Commercial data         ****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         27090311           ECLASS-12.0         25 V           Operating voltage AC max.         125 V           Operating voltage	<u> </u>	SW13	
Stripping length (jacket)	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67	
Coating contact         gold plated           Commercial data         Commercial data           ECLASS-0.0         27279218           ECLASS-7.0         27279218           ECLASS-9.0         27269218           ECLASS-9.0.1         27060311           ECLASS-10.1         27060311           ECLASS-12.0         2706031           ETIM-5.0         ECO01855           customs tariff number         85444290           GTIN         404887966169           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         125 V           Operating voltage DC max.         125 V           Operating voltage AC (Ut-listed)         30 V           Operating voltage AC (Ut-listed)         30 V           Operating per contact max.         4 A           Diagnostics           Status indication LED         no           Installation   Connection         1           Mounting set         M12 x 1           Device protection   Electrical Actional condition protection degree         Inserted, screwed           Pollution Degree         3           Rated surge voltage         15 kV           Material screw (200664-1)         <	Side 2		
Commercial data           ECLASS-0.0         27279218           ECLASS-7.0         27279218           ECLASS-0.0         27090311           ECLASS-10.1         27090311           ECLASS-11.1         27090311           ECLASS-12.0         27090311           ECLASS-12.0         ECO01855           customs fariff number         85444290           GTN         4048879685169           Packaging unit         1           Electrical datal Supply           Operating voltage AC max.         125 V           Operating voltage AC (UL-listed)         30 Y           Operating voltage DC max.         125 V           Operating voltage DC (UL-listed)         30 V           Current operating per contact max.         4 A           Diagnostics           Situs indication LED         no           Installation   Connection         witz 1           Stripping length (jacket)         20 mm           Mounting set         Mix 2 1           Device protection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Attential proving (EC 60664-1)         1			

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Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
Conformity	
Product standard	DIN EN 61076-2-101 (M12)
Installation   Cable	
Cable identification	219
Cable Type	1
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	1
Stranding	5 wires around Core filler twisted
Filler	yes
wire arrangement	brown, black, blue, white, gray
Cable weigth	48,4 g/m
Material jacket	PVC
Shore hardness jacket	85 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Outer-diameter (jacket)	5,2 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PVC
Amount wires	5
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 <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,5 A
Electrical resistance line constant wire	57 Ω/km @ 20 °C
Nominal voltage power AC max.	300 V
Power frequency withstand voltage power (wire - jacket)	2 kV @ 60 s
AC withstand voltage power (wire - wire)	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	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