

## stay connected

## M12 female 0° A-cod. with cable

PUR 8x0.25 gy UL/CSA+drag ch. 10m

Female straight

M12, 8-pole

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

with cable sleeves

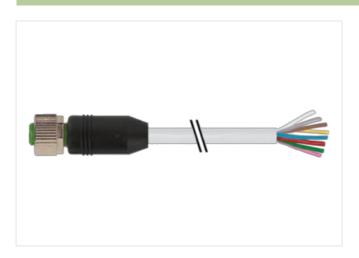
Plastic housings with good resistance against chemicals and oils.

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

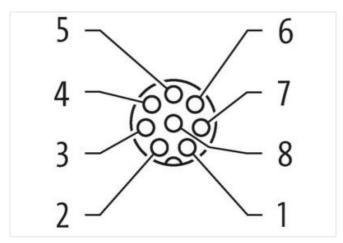
Further cable lengths on request.

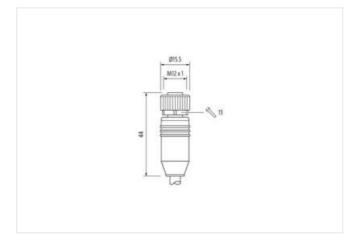
## **Link to Product**

## Illustration









Product may differ from Image











Cable length

10 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: 2024-04-27



stay connected

Family construction from	Mounting method	inserted, screwed
Material         PUR           With across files         SW13           Commercial data         Commercial data           ECLASS-60         22729218           ECLASS-80         27729218           ECLASS-90         27769011           ECLASS-90.1         27060011           ECLASS-11.1         27060011           ECLASS-12.0         27060011           ECLASS-13.1         60001855           Gualions suffi fumber         8544290           GTIN         494897982600           Packaging unit         1           Electrical data [Supply           Operating voltage AC max.         30 V           Operating voltage AC max.         30 V           Packaging voltage AC max.         30 V           Device protection [Electrical         M12 x 1           Device protection [Electrical         M2 x 1           Device protection [Electrical         M2 x 1           Device protection [Electrical poly (EC 00064-1)         1           Pollution Degree         3           Rate all curps of lifeting         All 2 x 1           Device protection [Electrical poly (EC 00064-1)         1           Coaling of fitting         All 2 x 1           Coaling of fitting		<u> </u>
With across fields         SW13           Commercial data         Commercial data           ECLASS 0         27279218           ECLASS 70         27279219           ECLASS 9.0         2779219           ECLASS 9.0         27090311           ECLASS 9.0         27090311           ECLASS 9.1.1         27000311           ECLASS 9.0         27090311           ECLASS 9.0         2001855           CALLASS 9.0         ECOLISS 9.0           ECLASS 9.0         ECOLISS 9.0           COLLAS 9.0         ECOLISS 9.0           ECLASS 9.0         ECOLISS 9.0           ECLASS 9.0         ECCASS 9.0           ECLASS 9.0         ECCASS 9.0           ECLASS 9.0         ECCASS 9.0           EVENTION 9.0         SA           Exercise of Contract 9.0         AV           Device protection   Electrical         I           Machanical data   Material data   Mate		
COLASS-0.0   27279218     ECLASS-0.0   27279218     ECLASS-0.0   27279218     ECLASS-0.0   27279218     ECLASS-0.1   27090311     ECLASS-1.1   27090311     ETM 5.0   ECO1955     ECO1955     ECO1955   ECO1		
ECLASS-0         27279218           ECLASS-7 0         27279216           ECLASS-9         27279218           ECLASS-9.0         27090311           ECLASS-11         27090311           ECLASS-11.1         27090311           ECLASS-11.1         27090311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ECLASS-12.0         ECOID 85           outloors salff number         85444290           CTIN         4048879 196260           Packaging unit         1           Electrical data   Supply         1           Electrical data   Supply         30 V           Operating voltage AC max.         30 V           Portuge of Dema.         30 V           Installation   Connection         M12 x I           Multipation Degree         3           Rated surge voltage AC max.         30 V           Outing of litting         Include plated for the surge voltage AC max.           Outing of litting         Include plate acceptaint for the surge voltage AC max.           Ope		
ECLASS-70         27279218           ECLASS-80         27279218           ECLASS-90         27069311           ECLASS-10.1         27069311           ECLASS-11.1         27069311           ECLASS-12.0         27069311           ETIM-5.0         ECOASS-1.1           ECLASS-12.0         27069311           ETIM-5.0         ECOASS-1.0           GTIN         4048879196200           Packaging unil         1           Electrical data   Supply           Operating voltage AC max.         30 V           Operating voltage DC max.         30 V           Installation   Connection         Murray           Mouring set         M12 x 1           Pollution Degree         3           Rand suge voltage         0,8 kV           Material grace womender         2.0 kV           Material grace womender         2.0 keV           Material grace womender         2.0 keV           Environmental characteristics   Climatic         Coating of Itting           Coperating temperature max.         85 °C           Additional condition (cable         25 °C           Coable dendificate         295           Cabbis dendificate         20 see		27270218
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ECLASS-1.11         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ETIMI-5.0         EC001855           customs tariff number         8544290           GTIN         4048879196260           Packaging unit         1           Electrical data   Suppty           Operating voitage AC max.           30 V           Installation   Connection           Mounting set         M12 x 1           Device protection   Electrical           Pollution Degree         3           Rated surge voitage         0.8 kV           Malerial group (IEC 60684-1)           Malerial group (IEC 60684-1)           Malerial group (IEC 60684-1)           Malerial group (IEC 60684-1)           Servicemental characteristics (Climatic           Colspan="2">Operating temperature min.         25 °C           Operating temperature range         35 °C           Operating temperature range         depending on cable quality           Installation (Cable           Cable inflication         295           Cable inflication <t< td=""><td></td><td></td></t<>		
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Installation   Cable       Cable identification     295       Cable Type     3       Jacket Color     gray       Type of Certificate     cURus       Amount stranding     1       Stranding     8 wires around Core filler twisted       Filler     yes       wire arrangement     brown, orange, violet, pink, gray, black, blue, white       No. of bending cycles (C-track)     10 Mio. @ 25 °C       Cable weigth     55 g/m       Material jacket     PUR       Shore hardness jacket     90 ± 5 Shore A       Freedom from ingredients (jacket)     lead-free, cadmium-free, CFC-free, halogen-free, silicone-free       Outer-diameter (jacket)     5,8 mm       Tolerance outer diameter (sheath)     ± 5 %       Material wire insulation     PP       Amount wires     8	Operating temperature max.	85 °C
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Cable Type       3         Jacket Color       gray         Type of Certificate       cURus         Amount stranding       1         Stranding       8 wires around Core filler twisted         Filler       yes         wire arrangement       brown, orange, violet, pink, gray, black, blue, white         No. of bending cycles (C-track)       10 Mio. @ 25 °C         Cable weigth       55 g/m         Material jacket       PUR         Shore hardness jacket       90 ± 5 Shore A         Freedom from ingredients (jacket)       lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         Outer-diameter (jacket)       5,8 mm         Tolerance outer diameter (sheath)       ± 5 %         Material wire insulation       PP         Amount wires       8	Installation   Cable	
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Stranding 8 wires around Core filler twisted  Filler yes wire arrangement brown, orange, violet, pink, gray, black, blue, white  No. of bending cycles (C-track) 10 Mio. @ 25 °C  Cable weigth 55 g/m  Material jacket PUR  Shore hardness jacket 90 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Outer-diameter (jacket) 5,8 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 8	Type of Certificate	cURus
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Cable weigth 55 g/m  Material jacket PUR  Shore hardness jacket 90 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Outer-diameter (jacket) 5,8 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 8	wire arrangement	brown, orange, violet, pink, gray, black, blue, white
Material jacket PUR  Shore hardness jacket 90 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Outer-diameter (jacket) 5,8 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 8	No. of bending cycles (C-track)	10 Mio. @ 25 °C
Shore hardness jacket 90 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Outer-diameter (jacket) 5,8 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 8	Cable weigth	55 g/m
Freedom from ingredients (jacket)  Outer-diameter (jacket)  Tolerance outer diameter (sheath)  Material wire insulation  PP  Amount wires  lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  5,8 mm  ± 5 %  PP  8	Material jacket	PUR
Outer-diameter (jacket) 5,8 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 8	Shore hardness jacket	90 ± 5 Shore A
Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 8	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Material wire insulation PP Amount wires 8	Outer-diameter (jacket)	5,8 mm
Amount wires 8	Tolerance outer diameter (sheath)	±5%
	Material wire insulation	PP
Outer diameter insulation 1,2 mm	Amount wires	8
	Outer diameter insulation	1,2 mm



Outer diameter tolerance core insulation	+ 5 %
	70 ± 5 Shore D
Shore hardness wire insulation	
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	32
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,25 mm <sup>2</sup>
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 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	UL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2
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