

M12 male 0° / M12 female 0° A-cod.

PUR 8x0.25 gy UL/CSA+drag ch. 1m

Male straight – female straight

M12 - M12, 8-pole

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

Plastic housings with good resistance against chemicals and oils.

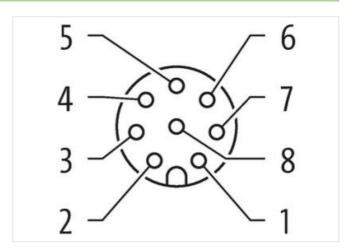
The resistance to aggressive media should be individually tested for your application. Further details on request.

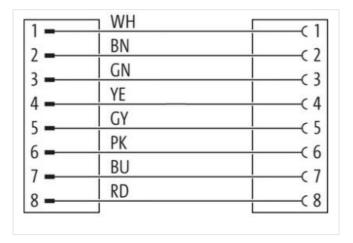
Further cable lengths on request.

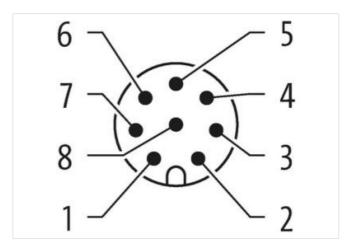
Link to Product

Illustration



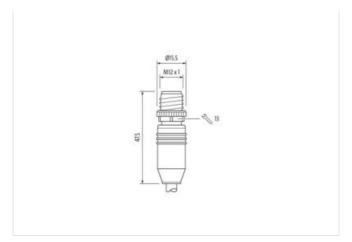


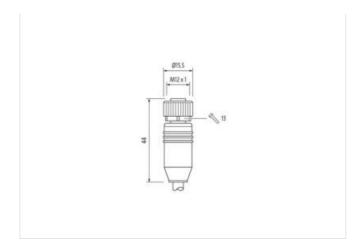






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Product may differ from Image





Side 1 Mounting method inserted, screwed Coaling contact gold plated Family construction form M12 Material contact Copper alloy No. of poles 8 Side 2 Mounting method inserted, screwed Coating contact gold plated Family construction form M12 Material contact Copper alloy No. of poles 8 Commercial data ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-9.0 27279218 ECLASS-9.0 27060311 ECLASS-1.1 27060311 ECLASS-1.1.1 27060311 ECLASS-1.1.2 27060311 ECLASS-1.1.3 27060311 ECLASS-1.2.0 27060311 ETIM-5.0 ECO01855 customs tariff number 4048879139861 Packaging unit 1 Electrical data Supply Operating voltage	Cable length	1 m
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Packaging unit 1 Electrical data Supply Operating voltage AC max. 30 V Operating voltage DC max. 30 V Device protection Electrical		
Electrical data Supply Operating voltage AC max. 30 V Operating voltage DC max. 30 V Device protection Electrical		4048879139861
Operating voltage AC max. 30 V Operating voltage DC max. 30 V Device protection Electrical	Packaging unit	1
Operating voltage DC max. 30 V Device protection Electrical	Electrical data Supply	
Device protection Electrical	Operating voltage AC max.	30 V
	Operating voltage DC max.	30 V
Pollution Degree 3	Device protection Electrical	
	Pollution Degree	3



0,8 kV Rated surge voltage Material group (IEC 60664-1) **Environmental characteristics | Climatic** -25 °C Operating temperature min. Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be Note on bending radius endangered by excessive bending forces. Installation | Cable Cable identification 292 Cable Type 3 Jacket Color gray Type of Certificate cURus Amount stranding 1 Stranding 8 wires around Core filler twisted Filler wire arrangement brown, white, red, blue, pink, gray, yellow, green Cable weigth 52,8 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 Outer diameter insulation 1,2 mm Outer diameter tolerance core insulation ±5% Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 32

Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation		
Flame resistance	IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090		
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		
rmation in this Product-PDF has been compiled with the utmost care. for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-19			

80 °C / 90 °C @ 10000 h Operation

Diameter of single wires

Material conductor wire

Conductor type (wire)

jacket)

Conductor crosssection (wire)

Traversing distance (C-track)

Current load capacity (standard)

Current load capacity min. wire

AC withstand voltage (wire - wire)

Min. operating temperature (static)

Max. operating temperature (fixed)

Operating temperature min. (dynamic)

Electrical resistance line constant wire

Power frequency withstand voltage (wire -

Nominal voltage AC max.

0,1 mm

300 V

3 A

0,25 mm²

strand class 6

Stranded copper wire, bare

10 m @ 25 °C | horizontal

to DIN VDE 0298-4

79 Ω/km @ 20 °C

2,5 kV @ 60 s

2,5 kV @ 60 s

-40 °C

-25 °C



Bending radius (dynamic)	10 x Outer diameter	
Travel speed (C-track)	10 Mio. @ 25 °C	
No. of torsion cycles	2 Mio.	
Torsion stress	± 180 °/m	
Torsion speed	35 cycles/min	