

M12 male 0° / M12 female 0° A-cod.

PUR 8x0.25 ye UL/CSA+drag ch. 7m

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.

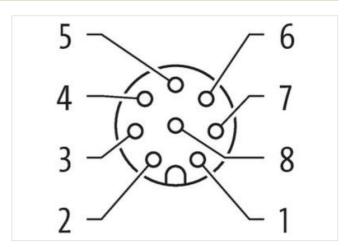
The resistance to aggressive media should be individually tested for your application. Further details on request.

Further cable lengths on request.

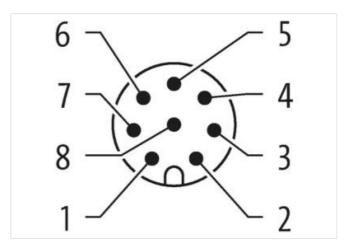
Link to Product

Illustration



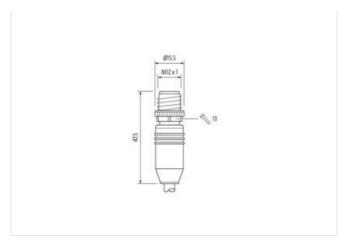


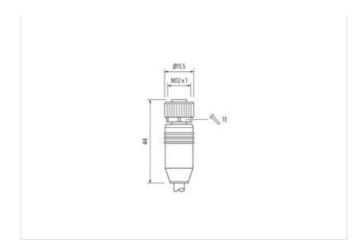






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Product may differ from Image





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-1.1.1 27060311 ECLASS-1.2.0 27060311 ECLASS-1.2.0 27060311 ECTASS-1.1 404887972052 Packaging unit 1 Electrical data Supply Operating voltage AC max. 30 V Devic	Cable length	7 m
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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



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Rated surge voltage	0,8 kV
Material group (IEC 60664-1)	I
Environmental characteristics Climatic	
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	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.
Installation Cable	
Cable identification	114
Cable Type	3
Jacket Color	yellow
Type of Certificate	cURus
Amount stranding	1
Stranding	8 wires around Core filler twisted
Filler	yes
wire arrangement	brown, white, red, blue, pink, gray, yellow, green
Cable weigth	51,7 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
Diameter of single wires	0.1 mm
Conductor crosssection (wire)	0.25 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Traversing distance (C-track)	10 m @ 25 °C horizontal
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity (standard) Current load capacity min. wire	3 A
Electrical resistance line constant wire	79 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2.5 kV @ 60 s
Power frequency withstand voltage (wire -	
jacket)	2,5 kV @ 60 s -40 °C
Min. operating temperature (static)	
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
	UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2
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chemical resistance	Good, application-related testing
Flame resistance chemical resistance Gasoline resistance Oil resistance	Good, application-related testing Good, application-related testing DIN EN 60811-404 Good, application-related testing



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	