

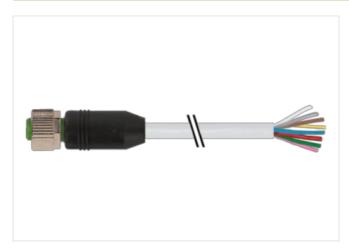
M12 female 0° A-cod. with cable

PUR 8x0.25 gy UL/CSA+drag ch. 12.5m

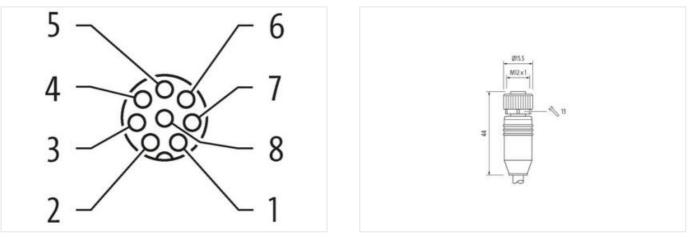
Female straight M12, 8-pole Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

Link to Product

Illustration



2	WH	
2	BU	
1	BK	
+)	GY	
5) <u> </u>	РК	
	VT	
3)	OG	
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Product may differ from Image



12,5 m

0,6 Nm

Cable length

Side 1

Tightening torque

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: 2024-05-20

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Mounting method	inserted, screwed
Family construction form	M12
Material	PUR
Width across flats	SW13
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	27060311
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879516211
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	30 V
Operating voltage DC max.	30 V
Installation Connection	
Mounting set	M12 x 1
-	
Device protection Electrical	
Pollution Degree	3
Rated surge voltage	0,8 kV
Material group (IEC 60664-1)	
Mechanical data Material data	
Coating of fitting	nickel plated
Material screw connection	Zinc die-casting
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	295
Cable Type	
	3
	3 grav
Jacket Color	gray
Jacket Color Type of Certificate	
Jacket Color Type of Certificate Amount stranding	gray cURus 1
Jacket Color Type of Certificate Amount stranding Stranding	gray cURus 1 8 wires around Core filler twisted
Jacket Color Type of Certificate Amount stranding Stranding Filler	gray cURus 1 8 wires around Core filler twisted yes
Jacket Color Type of Certificate Amount stranding Stranding Filler wire arrangement	gray cURus 1 8 wires around Core filler twisted yes brown, orange, violet, pink, gray, black, blue, white
Jacket Color Type of Certificate Amount stranding Stranding Filler wire arrangement Cable weigth	gray cURus 1 8 wires around Core filler twisted yes brown, orange, violet, pink, gray, black, blue, white 55 g/m
Jacket Color Type of Certificate Amount stranding Stranding Filler wire arrangement Cable weigth Material jacket	gray cURus 1 8 wires around Core filler twisted yes brown, orange, violet, pink, gray, black, blue, white 55 g/m PUR
Jacket Color Type of Certificate Amount stranding Stranding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket	gray cURus 1 8 wires around Core filler twisted yes brown, orange, violet, pink, gray, black, blue, white 55 g/m PUR 90 ± 5 Shore A
Jacket Color Type of Certificate Amount stranding Stranding Filler wire arrangement Cable weigth Material jacket	gray cURus 1 8 wires around Core filler twisted yes brown, orange, violet, pink, gray, black, blue, white 55 g/m PUR

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

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