

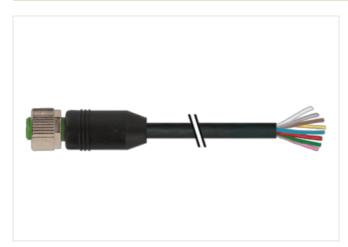
## M12 female 0° A-cod. with cable

PVC 8x0.25 bk UL/CSA 2m

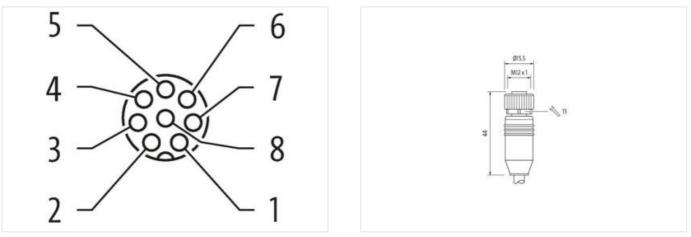
Female straight M12, 8-pole Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable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

## Link to Product

Illustration



	- WH	
2	BN	
2	GN	
1	YE	
	GY	
)	РК	
~	BU	
3) <u> </u>	RD	



Product may differ from Image



2 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: 2024-05-05

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1
30 V
30 V
M12 x 1
3
0.8 kV
nickel plated
Zinc die-casting
-25 °C
85 °C
depending on cable quality
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 endangered by excessive bending forces.
607
1
black
cURus
1
8 wires around Core filler twisted
yes
brown, white, red, blue, pink, gray, yellow, green
58,3 g/m
PVC
85 ± 5 Shore A
lead-free, cadmium-free, CFC-free, silicone-free
6 mm
± 5 %

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Material wire insulation	PVC
Amount wires	8
Outer diameter insulation	1,2 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)	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
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 kV @ 60 s
AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s 2 kV @ 60 s
Power frequency withstand voltage (wire -	
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
Power frequency withstand voltage (wire - jacket) Min. operating temperature (static)	2 kV @ 60 s -30 °C
Power frequency withstand voltage (wire - jacket) Min. operating temperature (static) Max. operating temperature (fixed)	2 kV @ 60 s -30 °C 80 °C
Power frequency withstand voltage (wire - jacket) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic)	2 kV @ 60 s -30 °C 80 °C -5 °C
Power frequency withstand voltage (wire - jacket)   Min. operating temperature (static)   Max. operating temperature (fixed)   Operating temperature min. (dynamic)   Operating temperature max. (dynamic)	2 kV @ 60 s -30 °C 80 °C -5 °C 80 °C
Power frequency withstand voltage (wire - jacket) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) UV resistance	2 kV @ 60 s -30 °C 80 °C -5 °C 80 °C DIN EN ISO 4892-2 A
Power frequency withstand voltage (wire - jacket) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) UV resistance Flame resistance	2 kV @ 60 s -30 °C 80 °C -5 °C 80 °C DIN EN ISO 4892-2 A UL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2
Power frequency withstand voltage (wire - jacket)   Min. operating temperature (static)   Max. operating temperature (fixed)   Operating temperature min. (dynamic)   Operating temperature max. (dynamic)   UV resistance   Flame resistance   chemical resistance	2 kV @ 60 s -30 °C 80 °C -5 °C 80 °C DIN EN ISO 4892-2 A UL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2 Good, application-related testing
Power frequency withstand voltage (wire - jacket)   Min. operating temperature (static)   Max. operating temperature (fixed)   Operating temperature min. (dynamic)   Operating temperature max. (dynamic)   UV resistance   Flame resistance   chemical resistance   Gasoline resistance	2 kV @ 60 s -30 °C 80 °C -5 °C 80 °C DIN EN ISO 4892-2 A UL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2 Good, application-related testing Good, application-related testing

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