

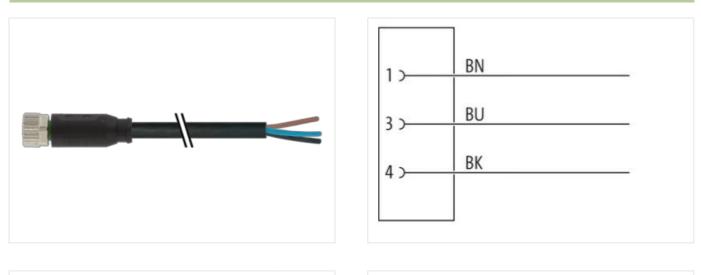
## M8 female 0° A-cod. with cable

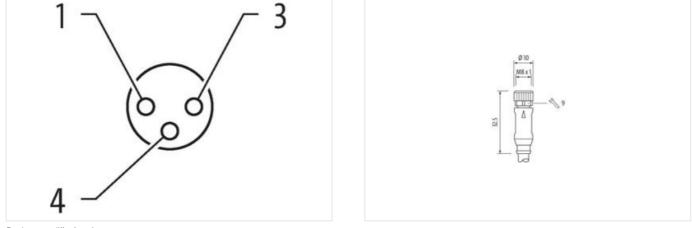
PVC 3x0.25 bk UL/CSA 5m

Female straight M8, 3-pole Art-No. 7005 - M8 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



5 m

0,4 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: 2024-05-08

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gold plated M8 M8 x 1 6,5 mm straight A Copper alloy PUR 3 SW9 IP65, IP66K, IP67 20 mm
M8 x 1   6,5 mm   straight   A   Copper alloy   PUR   3   SW9   IP65, IP66K, IP67   20 mm
6,5 mm straight A Copper alloy PUR 3 SW9 IP65, IP66K, IP67 20 mm
straight A Copper alloy PUR 3 SW9 IP65, IP66K, IP67 20 mm
A Copper alloy PUR 3 SW9 IP65, IP66K, IP67 20 mm
Copper alloy PUR 3 SW9 IP65, IP66K, IP67 20 mm
PUR 3 SW9 IP65, IP66K, IP67 20 mm
3 SW9 IP65, IP66K, IP67 20 mm
SW9 IP65, IP66K, IP67 20 mm
IP65, IP66K, IP67 20 mm
20 mm
and plated
gold plated
free cable end
07070010
27279218
27279218
27279218
27279218
27060311
27060311
27060311
27060311
EC001855
85444290
4048879000925
1
50 V
60 V
30 V
30 V
4 A
no
20 mm
M8 x 1
inserted, screwed
3
1,5 kV
I
Nickeled
nickel plated
FKM
Zinc die-casting
Zinc die-casting

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Mounting method	inserted, screwed, Shaking protection
Environmental characteristics   Climatic	
Dperating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
Important installation notes	
•	<b>-</b>
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.
Conformity	
Product standard	DIN EN 61076-2-104 (M8)
Installation   Cable	
Cable identification	610
Cable Type	1
Jacket Color	black
Type of Certificate	cURus
Amount stranding	1
Stranding	3 wires twisted
vire arrangement	brown, black, blue
Cable weigth	29,37 g/m
Material jacket	PVC
Shore hardness jacket	85 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Duter-diameter (jacket)	4,5 mm
Folerance outer diameter (sheath)	±5%
Material wire insulation	PVC
Amount wires	3
Duter diameter insulation	1.25 mm
Duter diameter tolerance core insulation	±5%
Shore hardness wire insulation	45 ± 5 Shore D
Material properties wire insulation	good machinability
ngredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	14
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,25 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,5 A
Electrical resistance line constant wire	79 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire - acket)	2 kV @ 60 s
Ain. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °C
Dperating temperature max. (dynamic)	80 °C
JV resistance	DIN EN ISO 4892-2 A
Flame resistance	UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing

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Oil resistance

Good, application-related testing | DIN EN 60811-404

Bending radius (fixed) Bending radius (dynamic) 5 x Outer diameter 10 x Outer diameter