

M8 female 90° A-cod. with cable

PUR 4x0.25 bk UL/CSA+robot+drag ch. 5m

Female 90°

Zinc die casting, save-cover coated

M8, 4-pole

Art-No. 7005 - M8 Lite - (plastic hexagonal screw) on request

without cable sleeves

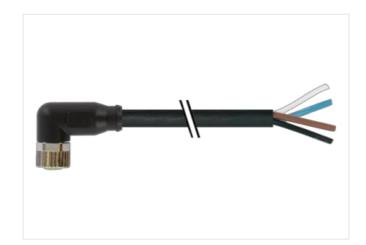
Plastic housings with good resistance against chemicals and oils.

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

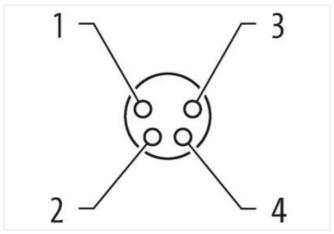
Further cable lengths on request.

Link to Product

Illustration









Product may differ from Image





Cable length

5 m

Side 1



stay connected

Material contact	Tightening torque	0,4 Nm
Country content	Mounting method	inserted, screwed
Family construction from M8 Thread M8 x 1 Junistic for corrugation bodo (internal O) 6.5 mm Material contact Copper alloy No. of pobles 4 With accordance SW9 Deprese of protection (EN IEC 00529) 195, 196K, 1967 Side 2 Coating contact glob plated Coating contact glob plated Commercial data ECLASS 6.0 27279218 ECLASS 6.1 2779218 ECLASS 6.1 2779218 ECLASS 7.0 2779218 ECLASS 8.0 2779218 ECLASS 8.0 2779218 ECLASS 9.0 2779218 ECLASS 1.1 27060311 ECLASS-1.1 27060311 ECLASS-1.1 27060311 ECLASS-1.1 27060311 ECLASS-1.1 27060311 ECLASS-1.1 27060311 ECLASS-1.0 1 27060311 ECLASS-1.1 27060311 ECLASS-1.1 27060311 ECLASS-1.2 30 EDBARD SW SW9 Department of the second swall swal		· · · · · · · · · · · · · · · · · · ·
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Additional condition temperature range depending on cable quality	Operating temperature min.	-25 °C
	Operating temperature max.	85 °C
Important installation notes	Additional condition temperature range	depending on cable quality
	Important installation notes	



stay connected

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 61076-2-114 (M8)
Installation Cable	
vire arrangement	brown, black, blue, white
Cable identification	651
Cable Type	5
Jacket Color	black
Type of Certificate	cURus
Amount stranding	1
Stranding	4 wires twisted
vire arrangement	brown, black, blue, white
Cable weigth	31,9 g/m
Material jacket	PUR
Shore hardness jacket	58 ± 3 Shore D
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	4.7 mm
Folerance outer diameter (sheath)	±5%
Material wire insulation	PP
	4
Amount wires	
Outer diameter insulation	1,25 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	74 ± 3 Shore D
ngredient 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
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	3,6 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 - acket)	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
JV resistance	DIN EN ISO 4892-2 A
Flame resistance	IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2
hemical resistance	Good, application-related testing
asoline resistance	Good, application-related testing
Dil resistance	DIN EN 60811-404 Good, application-related testing
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of bending cycles (C-track)	10 Mio. @ 25 °C
raversing distance (C-track)	5 m @ 25 °C horizontal
Fravel speed (C-track)	3,3 m/s @ 25 °C
No. of torsion cycles	1 Mio.
Forsion stress	± 360 °/m

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: 2024-05-19

Product-PDF for Article 7001-08101-6510500



Torsion speed

35 cycles/min