

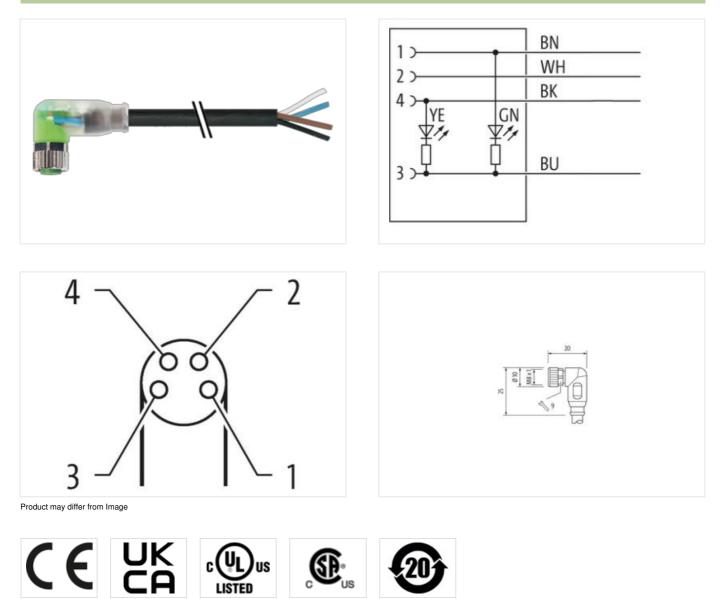
M8 female 90° A-cod. with cable LED

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

Female 90° M8, 4-pole 2× LED (PNP) Art-No. 7005 - M8 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



Cable length	25 m	
Side 1		
Tightening torque	0.4 Nm	



Coating contract gold pained Family construction form M8 Family construction form M8 × 1 suitable for corrugated tube (internal Ø) 6.5 mm Coding A Material Opper alloy Material PUR No. dip poles 4 Width access faits SW9 Degree of protection (EN IEC 60528) IP65, IP66K, IP67 Store 2 Store 2 Store 2 Store 2 Store 2 Store 2 ECALSS 6.0 2273218 ECALSS 6.0 2273218 ECALSS 6.0 2273218 ECALSS 7.0 2273218 ECALSS 7.0 2273218 ECALASS 7.0 2270500311 ECALASS 7.0 227000311	Mounting method	inserted, screwed
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	Locking material	Zinc die-casting
Mechanical data Mounting data	Material screw connection	Zinc die-casting
	Mechanical data Mounting data	

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Mounting method

inserted, screwed, Shaking protection

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.
Conformity	
Product standard	DIN EN 61076-2-104 (M8)
Installation Cable	
wire arrangement	brown, black, blue, white
Cable identification	631
Cable Type	3
Jacket Color	black
Type of Certificate	cURus
Amount stranding	1
Stranding	4 wires twisted
wire arrangement	brown, black, blue, white
Cable weigth	33 g/m
Material jacket	PUR
	90 ± 5 Shore A
Shore hardness jacket	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Freedom from ingredients (jacket)	
Outer-diameter (jacket)	4,5 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PP
Amount wires	4
Outer diameter insulation	1,25 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
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) Power frequency withstand voltage (wire -	2,5 kV @ 60 s
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
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	UL 1581 § 1090 UL 1581 § 1100 FT2 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

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Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of bending cycles (C-track)	10 Mio. @ 25 °C
Traversing distance (C-track)	10 m @ 25 °C horizontal
Travel speed (C-track)	3 m/s @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min

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