

M8 male 0° / M8 female 90° A-cod. snap-in LED

PUR 3x0.25 bk UL/CSA+robot+drag ch. 2m

Male straight – female 90°
M8 (Snap In) – M8 (Snap In), 3-pole
2× LED (PNP), (NPN) on request
Further cable lengths on request.

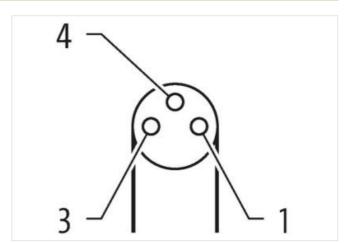
Plastic housings with good resistance against chemicals and oils.

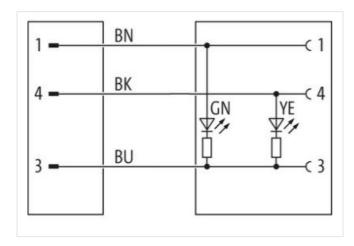
The resistance to aggressive media should be individually tested for your application. Further details on request.

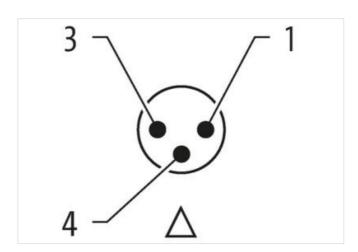
Link to Product

Illustration





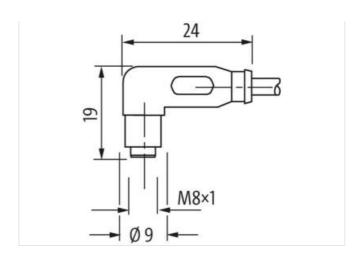






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Product may differ from Image











Cable length	2 m
Side 1	
Thread	M8
suitable for corrugated tube (internal \emptyset)	6,5 mm
Commercial data	
ECLASS-6.0	27061801
customs tariff number	85444290
Packaging unit	1
Electrical data Supply	
Operating voltage DC	24 V
Operating voltage DC min.	18 V
Operating voltage DC max.	30 V
Operating voltage DC max. (UL-listed)	30 V
Current operating per contact max.	4 A
Diagnostics	
Status indication LED	green, yellow
Device protection Electrical	
Degree of protection (EN IEC 60529)	IP65
Additional condition protection degree	inserted, locked
Pollution Degree	3
Rated surge voltage	0,8 kV
Material group (IEC 60664-1)	1
Mechanical data Material data	
Material housing	PUR
Mechanical data Mounting data	
Looking techniques	Snap In
Environmental characteristics Climatic	;
Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
Conformity	

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: 2024-04-23



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Product standard DIN EN 61076-2-114 (M8)

Installation Cable	
Cable identification	650
Cable Type	5
Jacket Color	black
Type of Certificate	cURus
Amount stranding	1
Stranding	3 wires twisted
wire arrangement	brown, black, blue
No. of bending cycles (C-track)	10 Mio. @ 25 °C
Cable weigth	26,4 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)	4.3 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PP
Amount wires	3
Outer diameter insulation	1.25 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	74 ± 3 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)	5 m @ 25 °C horizontal
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity (standard) Current load capacity min. wire	4.5 A
Electrical resistance line constant wire	79 Ω/km @ 20 °C
Nominal voltage power AC max.	300 V
Power frequency withstand voltage power	2,5 kV @ 60 s
(wire - jacket)	2,5 kV @ 60 s
AC withstand voltage power (wire - wire) Min. operating temperature (static)	-40 °C
Max. operating temperature (static)	80 °C / 90 °C @ 10000 h Operation
	-25 °C
Operating temperature min. (dynamic) Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090
	Good, application-related testing
chemical resistance Gasoline resistance	· · · · · · · · · · · · · · · · · · ·
Oil resistance	Good, application-related testing DIN EN 60811-404 Good, application-related testing
	5 x Outer diameter
Bending radius (fixed) Bending radius (dynamic)	
	10 x Outer diameter
No. of torsion cycles Torsion speed	1 Mio.
·	35 cycles/min
Torsion stress	± 360 °/m