

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

PUR 3x0.25 ye UL/CSA+robot+drag ch. 0.3m

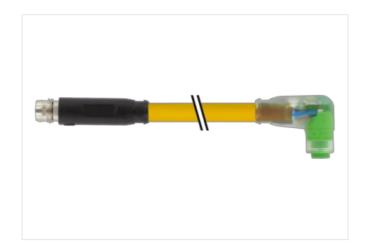
Male straight – female 90°
M8 (Snap In) – M8 (Snap In), 3-pole
2× LED (PNP), (NPN) on request
Further cable lengths on request.

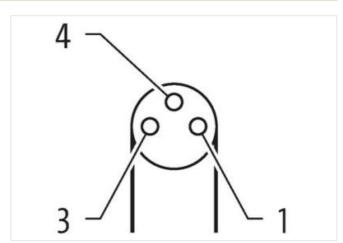
Plastic housings with good resistance against chemicals and oils.

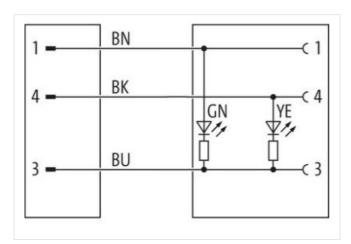
The resistance to aggressive media should be individually tested for your application. Further details on request.

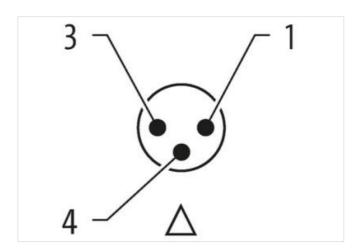
## **Link to Product**

## Illustration



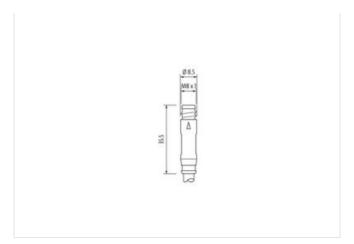


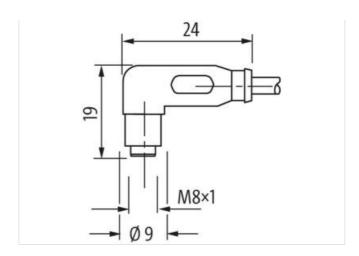






stay connected





Product may differ from Image











Cable length	0,3 m
Side 1	
Thread	M8
suitable for corrugated tube (internal Ø)	6,5 mm
Commercial data	
ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ECLASS-10.1	27060311
ECLASS-11.1	27060311
ECLASS-12.0	27060311
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879547598
Packaging unit	1
Fackaging unit	1
Electrical data   Supply	
	24 V
Electrical data   Supply  Operating voltage DC  Operating voltage DC min.	
Electrical data   Supply Operating voltage DC Operating voltage DC min. Operating voltage DC max.	24 V
Operating voltage DC min. Operating voltage DC max. Operating voltage DC max. Operating voltage DC max. (UL-listed)	24 V 18 V
Electrical data   Supply Operating voltage DC Operating voltage DC min. Operating voltage DC max.	24 V 18 V 30 V
Operating voltage DC min. Operating voltage DC max. Operating voltage DC max. Operating voltage DC max. (UL-listed)	24 V 18 V 30 V 30 V
Current operating polars DC max.  Electrical data   Supply  Operating voltage DC min.  Operating voltage DC max.  Operating voltage DC max. (UL-listed)  Current operating per contact max.	24 V 18 V 30 V 30 V
Electrical data   Supply Operating voltage DC Operating voltage DC min. Operating voltage DC max. Operating voltage DC max. (UL-listed) Current operating per contact max.  Diagnostics	24 V 18 V 30 V 30 V 4 A
Electrical data   Supply Operating voltage DC Operating voltage DC min. Operating voltage DC max. Operating voltage DC max. (UL-listed) Current operating per contact max.  Diagnostics Status indication LED	24 V 18 V 30 V 30 V 4 A
Electrical data   Supply Operating voltage DC Operating voltage DC min. Operating voltage DC max. Operating voltage DC max. (UL-listed) Current operating per contact max.  Diagnostics Status indication LED Device protection   Electrical	24 V  18 V  30 V  30 V  4 A  green, yellow
Electrical data   Supply Operating voltage DC Operating voltage DC min. Operating voltage DC max. Operating voltage DC max. (UL-listed) Current operating per contact max.  Diagnostics Status indication LED  Device protection   Electrical Degree of protection (EN IEC 60529)	24 V  18 V  30 V  30 V  4 A  green, yellow
Electrical data   Supply  Operating voltage DC  Operating voltage DC min.  Operating voltage DC max.  Operating voltage DC max. (UL-listed)  Current operating per contact max.  Diagnostics  Status indication LED  Device protection   Electrical  Degree of protection (EN IEC 60529)  Additional condition protection degree	24 V 18 V 30 V 30 V 4 A green, yellow  IP65 inserted, locked



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Mechanical data   Material data	
Material housing	PUR
Mechanical data   Mounting data	
Looking techniques	Snap In
Environmental characteristics   Climatic	
	05.00
Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
Conformity	
Product standard	DIN EN 61076-2-114 (M8)
Installation   Cable	
Cable identification	050
Cable Type	5
Jacket Color	yellow
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 mm²
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 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 (wire - jacket)	2,5 kV @ 60 s
AC withstand voltage power (wire - wire)	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
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	DIN EN 60811-404   Good, application-related testing

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: 2024-04-27



Bending radius (dynamic)	10 x Outer diameter
No. of torsion cycles	1 Mio.
Torsion speed	35 cycles/min
Torsion stress	± 360 °/m