

**M8 female 90° A-cod. snap-in with cable LED**

PUR 3x0.25 bk UL/CSA 10m

Female 90°

M8 (Snap In), 3-pole

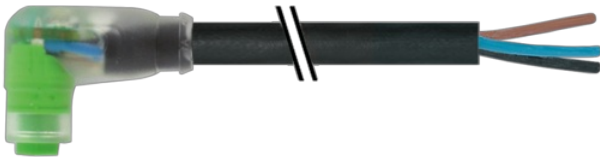
2× LED (PNP), (NPN) on request

with cable sleeves

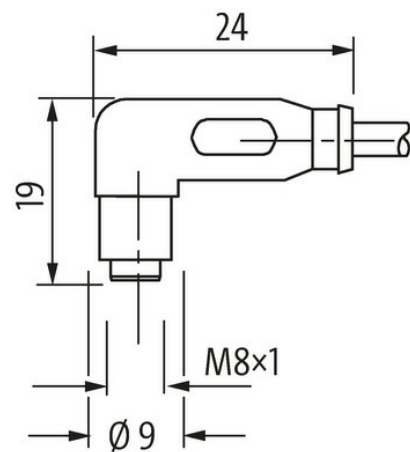
Plastic housings with good resistance against chemicals and oils.

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**

Female



Product may differ from Image



\* only for products with UL/CSA approved cable

**Form**

Form

08281

**Technical Data**

Operating voltage	24 V DC $\pm 25\%$
Operating voltage (only UL listed)	max. 30 V DC
Rated surge voltage	0.8 kV
Operating current per contact	max. 4 A
Material group	IEC 60664-1, category I
LED display	yellow/green
Locking of ports	M8 Snap In
Protection	IP65 inserted and tightened (EN 60529)
Material	PUR
suitable for corrugated tube (internal $\varnothing$ )	6.5 mm

#### General data

Standards	DIN EN 61076-2-104 (M8)
Pollution Degree	3
Stripping length (jacket)	20 mm
Temperature range	-25...+85 °C, depending on cable quality

#### Cables

Cable identification	620
Cable Type	2 (PUR/PVC)
Approval (cable)	UL (AWM-Style 20549/1731), CSA; CE conform
Cable weight [g/m]	26,62 g
Material (wire)	Cu wire, bare
Resistor (core)	max. 79 $\Omega$ /km (20 °C)
Single wire $\varnothing$ (core)	0.1 mm
Construction (core)	32x 0.1 mm (multi-strand wire class 6)
Diameter (core)	3x 0.25 mm <sup>2</sup>
AWG	similar to AWG 24
Material (wire isolation)	PVC
Material property (wire isolation)	CFC-, cadmium-, silicone- and lead-free
Shore hardness (wire isolation)	43 $\pm 5$ D
Wire- $\varnothing$ incl. isolation	1.25 mm $\pm 5\%$
Color/numbering of wires	br, bk, bl
Stranding combination	3 wires twisted
Shield	no
Material (jacket)	PUR
Material property (jacket)	CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, hydrolysis and microbial resistant
Shore hardness (jacket)	85 $\pm 5$ A
Outer- $\varnothing$ (jacket)	4.3 mm $\pm 5\%$
Color (jacket)	black
chemical resistance	good resistance to oil, gasoline and chemicals
Nominal voltage	UL 300 V AC
Test voltage	2000 V AC
Current load capacity	to DIN VDE 0298-4
Temperature range (fixed)	-30...+80 °C
Temperature range (mobile)	-5...+80 °C
Bend radius (fixed)	10x outer $\varnothing$
Bend radius (moving)	15x outer $\varnothing$
No. of bending cycles (C-track)	max. 2 Mio. (25 °C)
Travel speed (C-track)	max. 3.3 m/s
Acceleration (C-track)	max. 5 m/s <sup>2</sup>

#### Commercial data

country of origin	DE
customs tariff number	85444290

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eClass	27061801
Packaging unit	1.000

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