

M8 male 0° / M8 female 90° A-cod. LED

PVC 4x0.25 bk UL/CSA 3m

Male straight – female 90°

M8 – M8, 4-pole

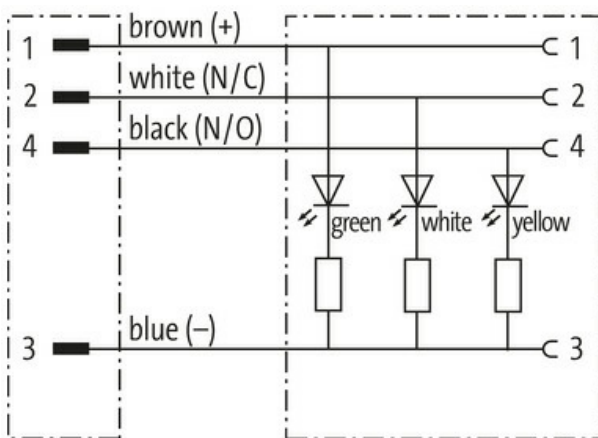
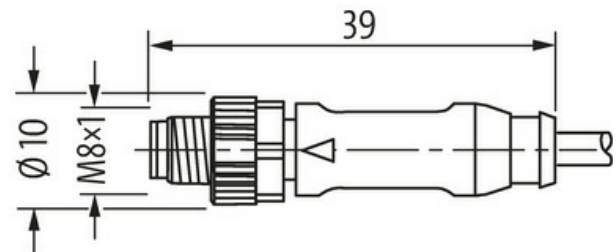
3× LED (PNP), (NPN) on request

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

Further cable lengths on request.

Plastic housings with good resistance against chemicals and oils.

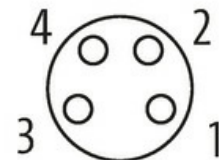
The resistance to aggressive media should be individually tested for your application. Further details on request.

[Link to Product](#)**Illustration**

Male



Female





Product may differ from Image

**Form**

Form 88051

Technical Data

Operating voltage	24 V DC $\pm 25\%$
Rated surge voltage	0.8 kV
Operating current per contact	max. 4 A
No. of poles	4
Material group	IEC 60664-1, category I
Locking of ports	Screw thread (M8x1 mm) recommended torque 0.4 Nm, self-securing
Compression gland	M8 (SW9)
Protection	IP65 and IP67 when plugged and screwed down (EN 60529)
Material	PUR
Locking material	Zinc die casting, matte nickel plated
suitable for corrugated tube (internal \varnothing)	6.5 mm

General data

Mounting method	inserted, tightened
Material (contact)	Copper alloy
Material (contact surface)	Au
Material (gasket)	FKM
Temperature range	-25...+85 °C, depending on cable quality

Cables

No./diameter of wires	4x 0.25 mm ²
Wire isolation	PVC (br, wh, bl, bk)
Outer \varnothing	4.8 mm $\pm 5\%$
Cable identification	611
Cable Type	1 (PVC)
Approval (cable)	UL (AWM-Style 2464/1731), CSA
Cable weight [g/m]	34,76 g
Material (wire)	Cu wire, bare
Resistor (core)	max. 79 Ω /km (20 °C)
Single wire \varnothing (core)	0.15 mm
Construction (core)	14x 0.15 mm (multi-strand wire class 5)
Diameter (core)	4x 0.25 mm ²

The information in this brochure has been compiled with the utmost care.

Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 03/22

AWG	similar to AWG 24
Material (wire isolation)	PVC
Material property (wire isolation)	CFC-, cadmium-, silicone- and lead-free
Shore hardness (wire isolation)	45 ±5 D
Wire-Ø incl. isolation	1.25 mm ±5%
Color/numbering of wires	br, bk, bl, wh
Stranding combination	4 wires twisted
Shield	no
Material (jacket)	PVC
Material property (jacket)	CFC-, cadmium-, silicone- and lead-free
Shore hardness (jacket)	85 ±5 A
Outer-Ø (jacket)	4.8 mm ±5%
Color (jacket)	black
Jacket Color	black
chemical resistance	good resistance to oil, gasoline and chemicals
thermal resistance	flame retardant UL 1581 VW1 / CSA FT1
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 (fixed)	-30...+80 °C
Temperature range (mobile)	-5...+80 °C
Temperature range (mobile)	-5...+80 °C
Bend radius (fixed)	5× outer Ø
Bend radius (moving)	10× outer Ø
Bend radius (moving)	10× outer Ø
Material (jacket)	PVC (UL/CSA)
Commercial data	
country of origin	DE
customs tariff number	85444290
EAN	4048879815833
eClass	27279218
Packaging unit	1.000