

**M8 male 0° / M8 female 0° LED**

PUR 3x0.25 ye UL/CSA+drag 1.0

Male straight – female straight

M8 – M8, 3-pole

LED (yellow/green)

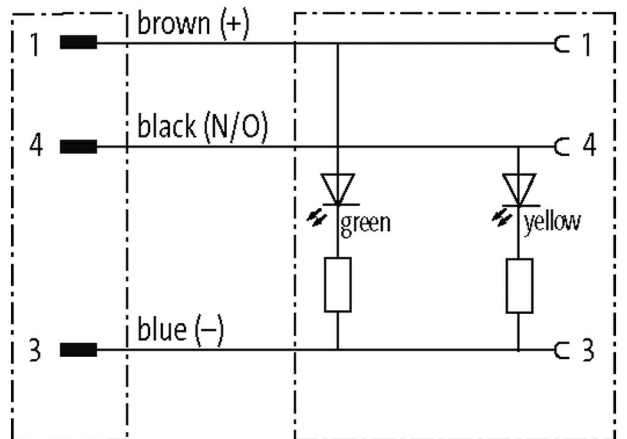
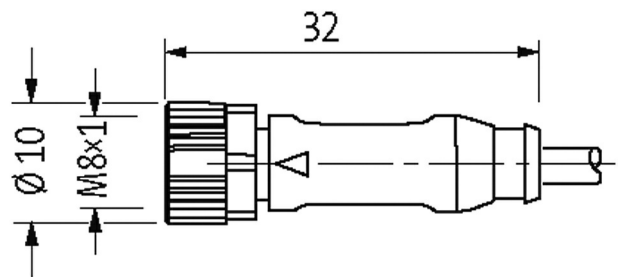
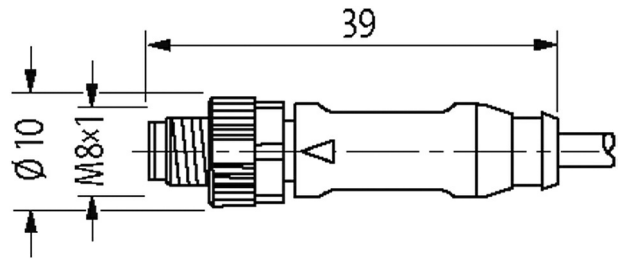
Art-No. 7005 - M8 Lite - (plastic hexagonal screw) on request

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](#)

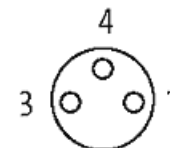
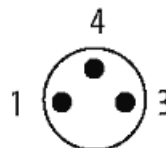
**Illustration**

stay connected



Male

Female



Product may differ from Image

**Approvals**



**Form**

Form 88002

**Cables**

No./diameter of wires	3× 0.25 mm <sup>2</sup>
Wire isolation	PP (br, bl, bk)
C-track properties	10 Mio.
Material (jacket)	PUR (UL/CSA)
Outer Ø	4.1 mm ±5%
Bend radius (moving)	10× outer Ø
Temperature range (fixed)	-40...+80 °C
Temperature range (mobile)	-25...+80 °C
Cable identification	030
Cable Type	3 (PUR)
Approval (cable)	cRUus (AWM-Style 20549/10493); CE conform
Cable weight [g/m]	26,40
Material (wire)	Cu wire, bare
Resistor (core)	max. 79 Ω/km (20 °C)
Single wire Ø (core)	0.1 mm
Construction (core)	32× 0.1 mm (multi-strand wire class 6)
Diameter (core)	3× 0.25 mm <sup>2</sup>
AWG	similar to AWG 24
Material (wire isolation)	PP
Material property (wire isolation)	CFC-, halogen-, cadmium-, silicone- and lead-free
Shore hardness (wire isolation)	70 ±5 D
Wire-Ø incl. isolation	1.25 mm ±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)	90 ±5 A
Outer-Ø (jacket)	4.1 mm ±5%
Color (jacket)	yellow
chemical resistance	good resistance to oil, gasoline and chemicals (EN 60811-404)
thermal resistance	flame retardant UL 1581 VW1 / CSA FT1 / IEC 60332-1, IEC 60332-2-2
Nominal voltage	300 V AC
Test voltage	2500 V AC
Current load capacity	to DIN VDE 0298-4
Temperature range (fixed)	-40...+80 °C, (+90 °C at max. 10 000 operating hours)
Temperature range (mobile)	-25...+80 °C, (+90 °C at max. 10 000 operating hours)
Bend radius (fixed)	5× outer Ø
Bend radius (moving)	10× outer Ø
No. of bending cycles (C-track)	max. 10 Mio. (25 °C)
Travel speed (C-track)	max. 3 m/s
Acceleration (C-track)	max. 10 m/s <sup>2</sup>
Torsion stress	±180°/m
No. of torsion cycles	max. 2 Mio. (25 °C)
Torsion speed	35 cycles/min
Jacket Color	yellow

#### Technical Data

Operating voltage	24 V DC ±25%
Rated surge voltage	0.8 kV
Operating current per contact	max. 4 A

No. of poles	3
Material group	IEC 60664-1, category I
LED display	yellow/green
Locking of ports	Screw thread (M8x1 mm) recommended torque 0.4 Nm, self-securing
Compression gland	M8 (SW9)
Material	PUR
Protection	IP67 inserted and tightened (EN 60529)
Locking material	Zinc die casting, matte nickel plated
suitable for corrugated tube (internal Ø)	6.5 mm

**General data**

Standards	DIN EN 61076-2-104 (M8)
Mounting method	inserted, tightened
Material (contact)	Copper alloy
Material (contact surface)	Au
Material (gasket)	FKM
Pollution Degree	3
Temperature range	-25...+85 °C, depending on cable quality

**Commercial data**

country of origin	DE
customs tariff number	85444290
EAN	4048879816953
eClass	27279218
Packaging unit	1