

**M8 male 0° with cable**

PVC 4x0.25 bk UL/CSA 20m

Male straight

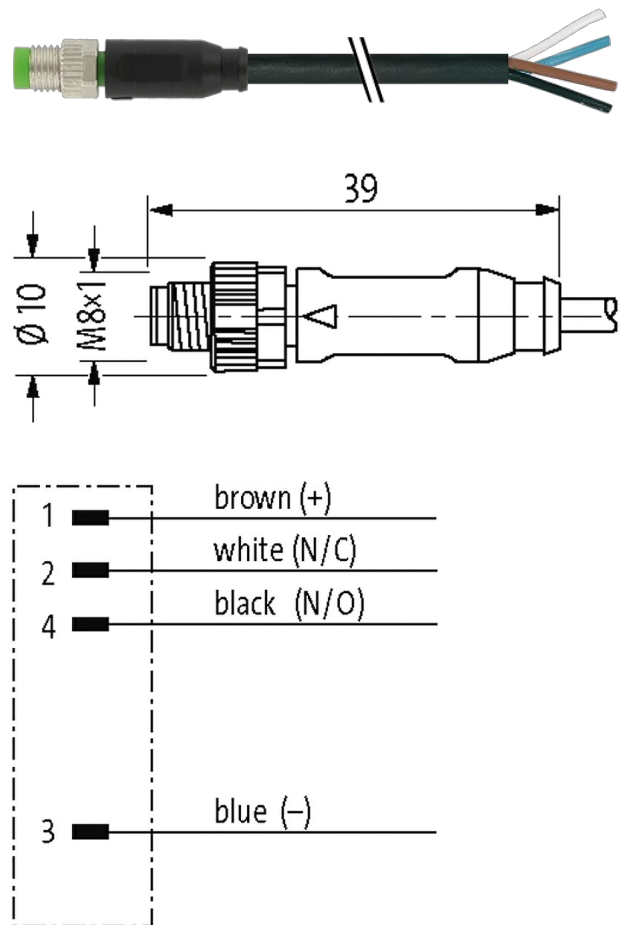
M8, 4-pole

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

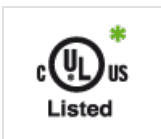
Plastic housings with good resistance against chemicals and oils.

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

Further cable lengths on request.

**Illustration**

Product may differ from Image

**Approvals**

\* only for products with UL/CSA approved cable

cCSAus

**Form**

Form

08011

**General data**

Standards

DIN EN 61076-2-104 (M8)

Mounting method	inserted, tightened
Material (contact)	Copper alloy
Material (contact surface)	Au
Pollution Degree	3
Temperature range	-25...+85 °C, depending on cable quality

### Cables

No./diameter of wires	4 × 0.25 mm <sup>2</sup>
Wire isolation	PVC (br, wh, bl, bk)
Material (jacket)	PVC (UL/CSA)
Outer Ø	4.8 mm ±5%
Bend radius (moving)	10 × outer Ø
Temperature range (fixed)	-30...+80 °C
Temperature range (mobile)	-5...+80 °C
Cable identification	611
Cable Type	1 (PVC)
Approval (cable)	UL (AWM-Style 2464/1731), CSA
Cable weight [g/m]	34,76
Material (wire)	Cu wire, bare
Resistor (core)	max. 79 Ω/km (20 °C)
Single wire Ø (core)	0.15 mm
Construction (core)	14 × 0.15 mm (multi-strand wire class 5)
Diameter (core)	4 × 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)	45 ±5 D
Wire-Ø incl. isolation	1.25 mm ±5%
Color/numbering of wires	br, bk, bl, wh
Stranding combination	4 wires twisted
Material (jacket)	PVC
Shield	no
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
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 (mobile)	-5...+80 °C
Bend radius (fixed)	5 × outer Ø
Bend radius (moving)	10 × outer Ø
Jacket Color	black

### Technical Data

Operating voltage	max. 50 V AC/60 V DC
Operating voltage (only UL listed)	30 V AC/DC
Rated surge voltage	1.5 kV
Operating current per contact	max. 4 A

*stay connected*

No. of poles	4
Material group	IEC 60664-1, category I
Locking of ports	Screw thread (M8×1 mm) recommended torque 0.4 Nm, self-securing
Compression gland	M8 (SW9)
Protection	IP65, IP66K, IP67 inserted and tightened (EN 60529)
Locking material	Zinc die casting, matte nickel plated
Material	PUR
suitable for corrugated tube (internal Ø)	6.5 mm

**Commercial data**

country of origin	DE
customs tariff number	85444290
EAN	4048879602068
eClass	27279218
Packaging unit	1

**Sketch**

Male



Product may differ from Image