

**M8 FEMALE 0° , SHIELDED**

PVC 4X0.34 shielded black UL,CSA 5m

Female straight

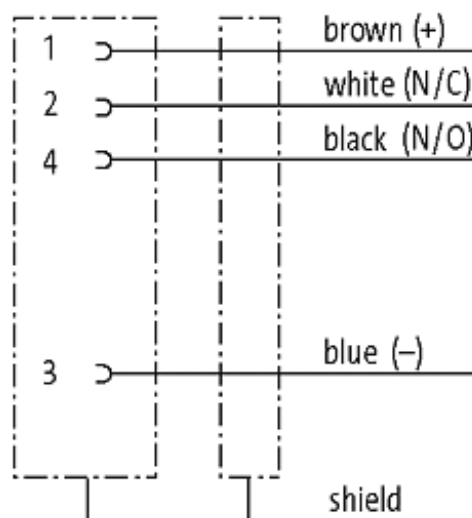
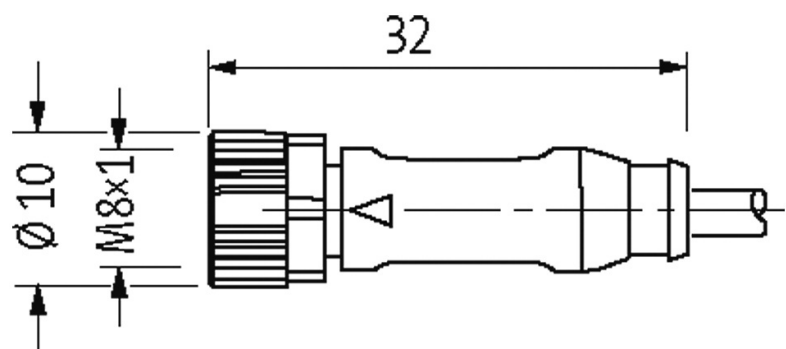
M8, 4-pole

shielded

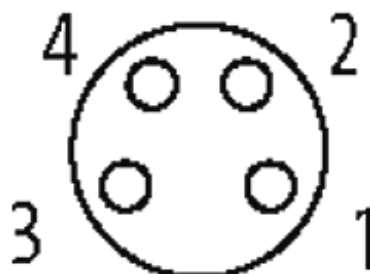
with cable sleeves

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**

# Female



Product may differ from Image

## Approvals



## Form

Form 08761

## Cables

Cable number	601
No./diameter of wires	4 × 0.34 mm <sup>2</sup>
Wire isolation	PVC (br, wh, bl, bk)
Jacket Color	black
Material (jacket)	PVC (UL/CSA)
Outer Ø	approx. 5.3 mm
Bend radius (moving)	10 × outer Ø
Temperature range (fixed)	-30...+80 °C
Temperature range (mobile)	-5...+80 °C
Shield	yes
Cable identification	601
Cable type	1 (PVC)
Approval (cable)	UL (AWM-Style 2464/1731), CSA
Cable weight [g/m]	58,30
Material (wire)	Cu wire, bare
Resistor (core)	max. 60 Ohm/km (20 °C)
Single wire Ø (core)	0.15 mm
Construction (core)	19 × 0.15 mm (multi-strand wire class 5)
Diameter (core)	4 × 0.34 mm <sup>2</sup>
AWG	similar to AWG 20

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: 09/17

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Material (wire isolation)	PVC
Material property (wire isolation)	CFC-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant
Shore hardness (wire isolation)	59 ±5 D
Wire-Ø incl. isolation	approx. 1.25 mm
Color/numbering of wires	br, bk, bl, wh
Stranding combination	4 wires twisted
Material (jacket)	PVC
Material property (jacket)	CFC-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant
Shore hardness (jacket)	85 ±5 A
Outer-Ø (jacket)	approx. 5.3 mm
Color (jacket)	black similar to RAL 9005
chemical resistance	good resistance to oil, gasoline and chemicals
thermal resistance	flame retardant
Nominal voltage	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)	10 × outer Ø

#### Technical Data

Operating voltage	max. 30 V AC/DC
Rated surge voltage	0.8 kV
Operating current per contact	max. 4 A
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/IP67
Locking material	Zinc die casting, nickel-plated
Material	PUR

#### General data

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

#### Commercial data

country of origin	DE
customs tariff number	85444290
EAN	4048879450225
eClass	27279218
Packaging unit	1

