

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

PVC 3x0.25 bk UL/CSA 7.5m

Male 90°

M8 (Snap In), 3-pole  
with cable sleeves

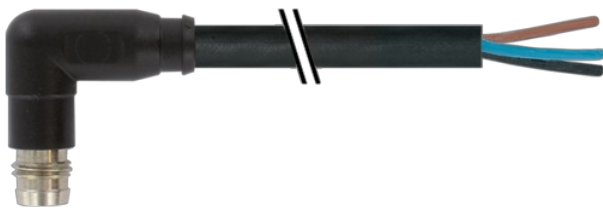
Plastic housings with good resistance against chemicals and oils.

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

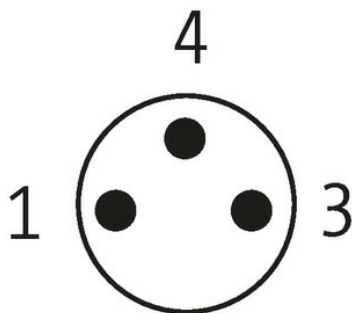
Further cable lengths on request.

[Link to Product](#)

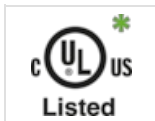
Illustration



Male



Product may differ from Image



\* only for products with UL/CSA approved cable

Form

Form 08181

Technical Data

Operating voltage max. 50 V AC/60 V DC

Operating voltage (only UL listed)	max. 30 V AC/DC
Rated surge voltage	1.5 kV
Operating current per contact	max. 4 A
Material group	IEC 60664-1, category I
Locking of ports	M8 Snap In
Protection	IP65 inserted and tightened (EN 60529)
Material	PUR
suitable for corrugated tube (internal Ø)	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

No./diameter of wires	3 × 0.25 mm <sup>2</sup>
Wire isolation	PVC (br, bl, bk)
Outer Ø	4.5 mm ±5%
Cable identification	610
Cable Type	1 (PVC)
Approval (cable)	UL (AWM-Style 2464/1731), CSA
Cable weight [g/m]	29,37 g
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)	3 × 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
Stranding combination	3 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)	4.5 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
eClass	27061801
Packaging unit	1.000