

M8 female 90 $^{\circ}$ with cable

PVC 3x0.25 bk UL/CSA 20m

Female 90° M8, 3-pole

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

with cable sleeves

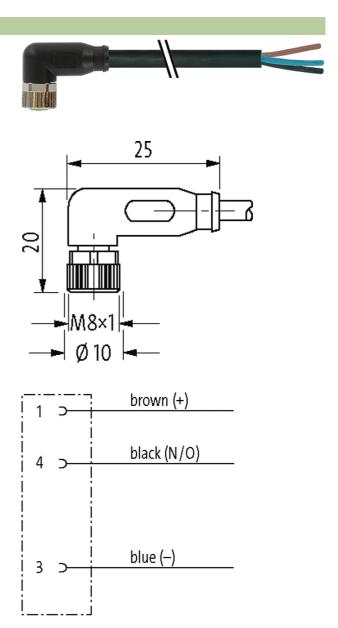
Plastic housings with good resistance against chemicals and oils.

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

Further cable lengths on request.

Link to Product

Illustration



Product may differ from Image

Approvals





cCSAus

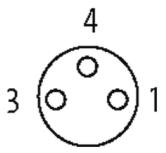
* only for products with UL/CSA approved cable

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| Consul data | suitable for corrugated tube (internal \emptyset) | 6.5 mm |
| General data | General data | |
| Standards DIN EN 61076-2-104 (M8) | Standards | DIN EN 61076-2-104 (M8) |
| Mounting method inserted, tightened | Mounting method | inserted, tightened |
| Material (contact) Copper alloy | Material (contact) | Copper alloy |
| Material (contact surface) Au | Material (contact surface) | Au |
| Material (gasket) FKM | Material (gasket) | FKM |
| Pollution Degree 3 | Pollution Degree | 3 |
| Stripping length (jacket) 20 mm | Stripping length (jacket) | 20 mm |
| Temperature range -25+85 °C, depending on cable quality | Temperature range | -25+85 °C, depending on cable quality |
| Cables | Cables | |
| No./diameter of wires 3× 0.25 mm ² | No./diameter of wires | 3× 0.25 mm² |
| Wire isolation PVC (br, bl, bk) | Wire isolation | PVC (br, bl, bk) |
| Material (jacket) PVC (UL/CSA) | Material (jacket) | PVC (UL/CSA) |
| Outer Ø 4.5 mm ±5% | Outer Ø | 4.5 mm ±5% |
| Bend radius (moving) 10× outer Ø | Bend radius (moving) | 10× outer Ø |
| Temperature range (fixed) -30+80 °C | Temperature range (fixed) | -30+80 °C |
| Temperature range (mobile) -5+80 °C | Temperature range (mobile) | -5+80 °C |
| Cable identification 610 | Cable identification | 610 |
| Cable Type 1 (PVC) | Cable Type | 1 (PVC) |
| Approval (cable) UL (AWM-Style 2464/1731), CSA | Approval (cable) | UL (AWM-Style 2464/1731), CSA |
| Cable weight [g/m] 29,37 | Cable weight [g/m] | 29,37 |
| Material (wire) Cu wire, bare | Material (wire) | Cu wire, bare |
| Resistor (core) max. 79 Ω/km (20 °C) | Resistor (core) | max. 79 Ω/km (20 °C) |
| Single wire Ø (core) 0.15 mm | Single wire Ø (core) | 0.15 mm |
| Construction (core) 14× 0.15 mm (multi-strand wire class 5) | Construction (core) | 14× 0.15 mm (multi-strand wire class 5) |
| Diameter (core) 3× 0.25 mm ² | Diameter (core) | 3× 0.25 mm² |
| AWG similar to AWG 24 | ΔWG | 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 |
| 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 |
| Commercial data | |
| country of origin | DE |
| customs tariff number | 85444290 |
| EAN | 4048879228459 |
| eClass | 27279218 |
| Packaging unit | 1 |
| Sketch | |

Female



Product may differ from Image