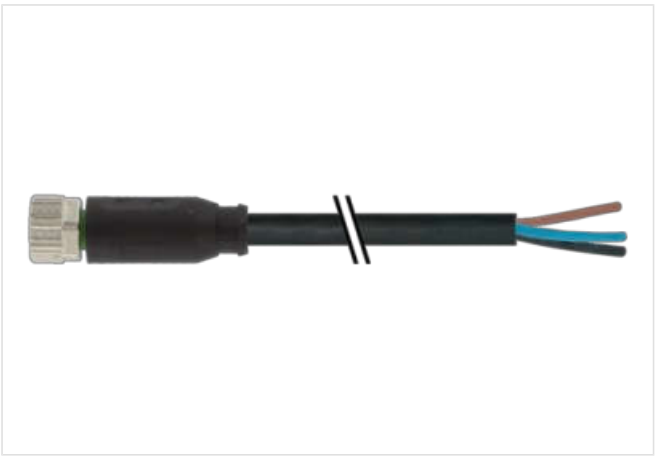
**M8 female 0° A-cod. with cable**

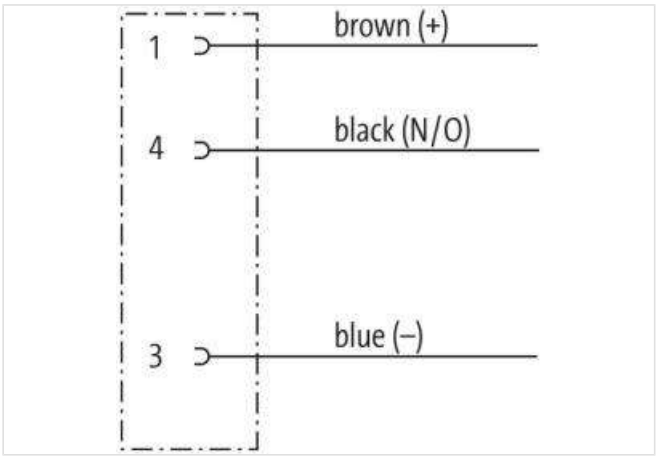
PVC 3x0.25 bk UL/CSA 10m

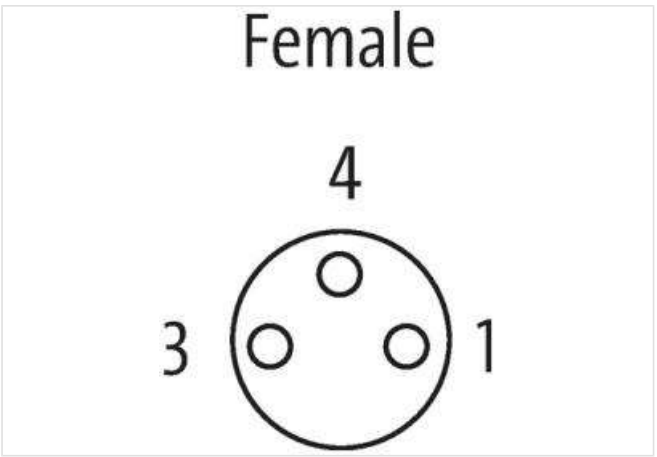
Female straight
M8, 3-pole
Art-No. 7005 - M8 Lite - (plastic hexagonal screw) on request
with cable sleeves
Plastic housings with good resistance against chemicals and oils.
The resistance to aggressive media should be individually tested for your application. Further details on request.
Further cable lengths on request.

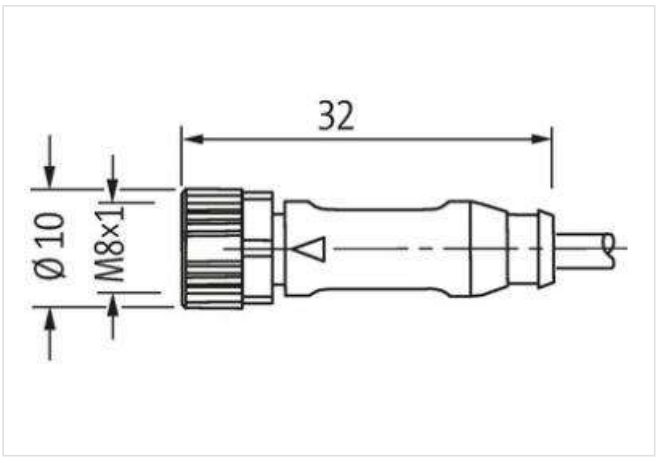
## Link to Product

### Illustration






Product may differ from Image

### Form

| | |
|---|---|
| Form | 08041 |

### Technical Data

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| | |
|---|---|
| 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 |
| No. of poles | 3 |
| Material group | IEC 60664-1, category I |
| LED display | no |
| Locking of ports | Screw thread (M8×1 mm) recommended torque 0.4 Nm, self-securing |
| Protection | IP65, IP66K, IP67 inserted and tightened (EN 60529) |
| Material | PUR |
| Locking material | Zinc die casting, matte nickel plated |
| suitable for corrugated tube (internal Ø) | 6.5 mm |
| Compression gland | M8 (SW9) |
| **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 |
| Stripping length (jacket) | 20 mm |
| Temperature range | -25...+85 °C, depending on cable quality |
| **Cables** | |
| 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 mm² |
| 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 |
| 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 |

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| | |
|---|---|
| Bend radius (fixed) | 5× outer Ø |
| Bend radius (moving) | 10× outer Ø |
| Product article number of manufacturer | 7000-08041-6101000 |
| Cable length | 10 m |

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