

M8 male 0° A-cod. / MSUD valve plug BI-11mm

PVC 3x0.34 bk UL/CSA 1m

Form BI (11 mm)

Male M8

straight

50 V AC/60 V DC, M8 (3-pole)

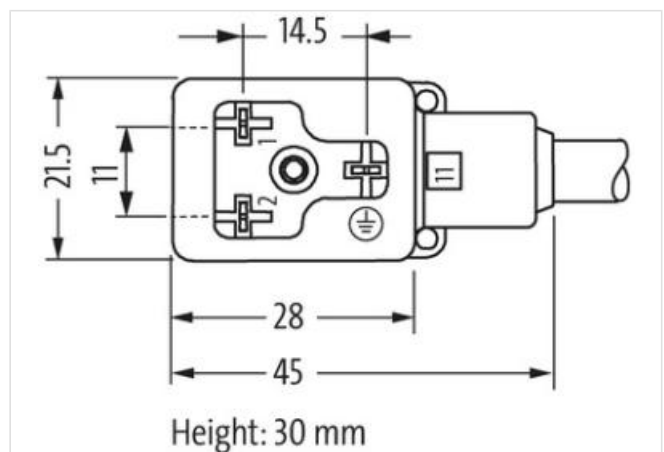
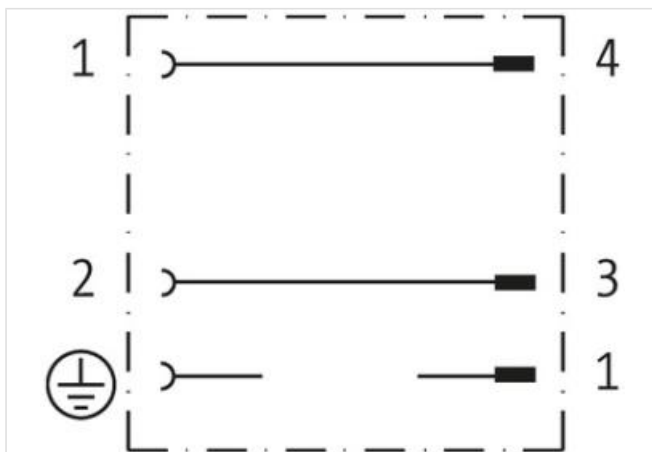
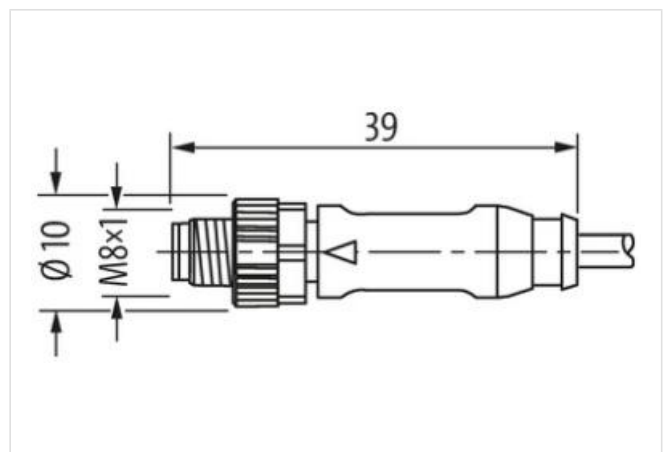
3-pole

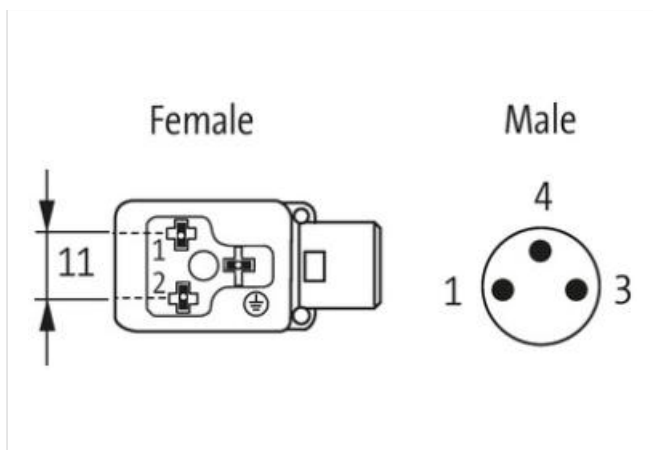
without components

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

Further cable lengths on request.

Plastic housings with good resistance against chemicals and oils.

[Link to Product](#)**Illustration**



Product may differ from Image

**Form**

Form 88821

Technical Data

| | |
|---|---|
| Operating voltage | max. 50 V AC/60 V 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 | M3/M8 (recommended torque 0.4 Nm) |
| Protection | IP66K, IP67 inserted and tightened (EN 60529) |
| Material | MSUD (PBT); M8 (PUR) |
| Locking material | Zinc die casting, nickel-plated |
| suitable for corrugated tube (internal Ø) | 6.5 mm |
| Housing | Black plastic (gray on request) |
| Compression gland | M8 (SW9) |

General data

| | |
|----------------------------|--|
| Standards | DIN EN 61076-2-104 (M8) |
| Mounting method | inserted, tightened |
| Material (contact) | Copper alloy |
| Material (contact surface) | MSUD (Ag); M8 (Au) |
| Material (gasket) | PUR |
| Pollution Degree | 3 |
| Temperature range | -25...+85 °C, depending on cable quality |

Cables

| | |
|-----------------------|-------------------------------|
| No./diameter of wires | 3× 0.34 mm ² |
| Wire isolation | PVC (br, bl, bk) |
| Outer Ø | 4.6 mm ±5% |
| Cable identification | 613 |
| Cable Type | 1 (PVC) |
| Approval (cable) | UL (AWM-Style 2464/1731), CSA |
| Cable weight [g/m] | 34,1 g |
| Material (wire) | Cu wire, bare |

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: 2022-11-13

Murrelektronik Inc. | 1327 Northbrook Parkway, Suite 460 | Suwanee, GA 30024 | Fon +1 770 497-9292 | Fax +1 770 497-9391 | shop@murrinc.com | shop.murrinc.com

| | |
|--|--|
| Resistor (core) | max. 60 Ω /km (20 °C) |
| Single wire Ø (core) | 0.15 mm |
| Construction (core) | 19× 0.15 mm (multi-strand wire class 5) |
| AWG | similar to AWG 22 |
| 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) | 4.6 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) |
| Product article number of manufacturer | 7000-88821-6130100 |
| Cable length | 1 m |