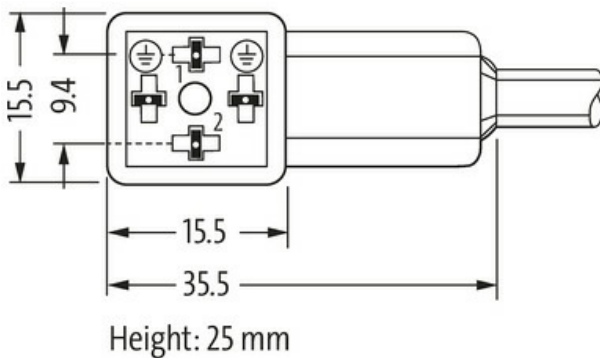
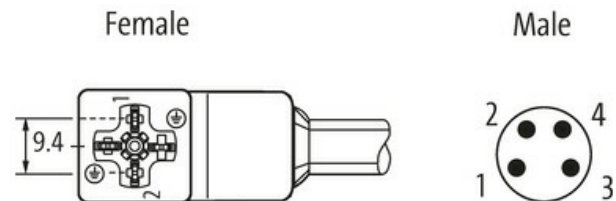
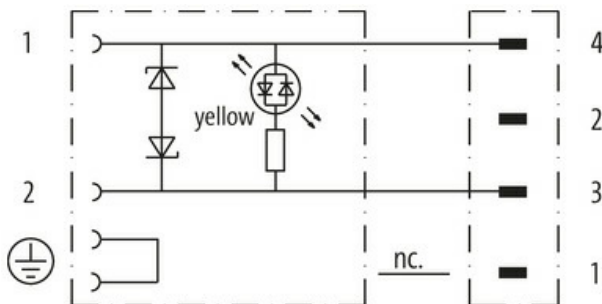
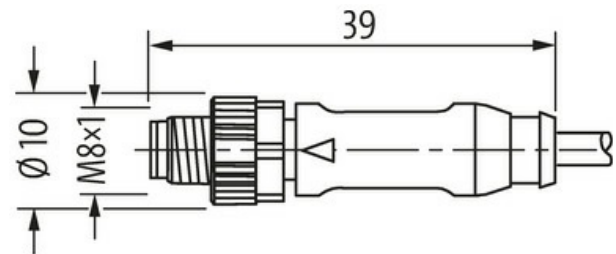


**M8 male 0° A-cod. / MSUD valve plug CI-9.4mm small**

PUR 3x0.34 bk UL/CSA 2m

MSUD  
 Plastic housings with good resistance against chemicals and oils.  
 Form CI (9.4 mm)  
 Male M8  
 straight  
 24 V AC  $\pm 20\%$  / DC  $\pm 25\%$   
 4-pole  
 Z-Diode + LED  
 Art-No. 7005 - M8 Lite - (plastic hexagonal screw) on request  
 Further cable lengths on request.

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

Product may differ from Image

**Form**

Form 88461

**Technical Data**

|  |  |
|--|--|
| Operating voltage                                      | 24 V AC $\pm 20\%$ / DC $\pm 25\%$                     |
| Rated surge voltage                                    | 0.8 kV   |
| Operating current per contact                          | max. 4 A   |
| No. of poles   | 4  |
| Current consumption                                    | 15 mA  |
| Material group   | IEC 60664-1, category I                                |
| Switch off peak  | max. 55 V  |
| LED display  | yellow   |
| Locking of ports                                       | M3/M8 (recommended torque 0.4 Nm)                      |
| Compression gland                                      | M8 (SW9)   |
| Protection   | IP65 and IP67 when plugged and screwed down (EN 60529) |
| Material   | MSUD (PBT); M8 (PUR)                                   |
| Locking material                                       | Zinc die casting, matte nickel plated                  |
| suitable for corrugated tube (internal $\varnothing$ ) | 6.5 mm   |
| Housing  | Black plastic (gray on request)                        |
| Additional suppressor                                  | Diode/Z-Diode  |

#### 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

|                                     |  |
|-------------------------------------|--|
| Cable identification                | 623  |
| Cable Type                          | 2 (PUR/PVC)  |
| Approval (cable)                    | UL (AWM-Style 20549/1731), CSA; CE conform   |
| Cable weight [g/m]                  | 35,97 g  |
| Material (wire)                     | Cu wire, bare  |
| Resistor (core)                     | max. 57 $\Omega$ /km (20 °C)   |
| Single wire $\varnothing$ (core)    | 0.1 mm   |
| Construction (core)                 | 42x 0.1 mm (multi-strand wire class 6)   |
| Diameter (core)                     | 3x 0.34 mm <sup>2</sup>  |
| AWG                                 | similar to AWG 22  |
| Material (wire isolation)           | PVC  |
| Material property (wire isolation)  | CFC-, cadmium-, silicone- and lead-free  |
| Shore hardness (wire isolation)     | 43 $\pm 5$ D   |
| Wire- $\varnothing$ incl. isolation | 1.25 mm $\pm 5\%$  |
| Color/numbering of wires            | black similar to RAL 9005  |
| Stranding combination               | 3 wires twisted  |
| Shield                              | no   |
| Material (jacket)                   | PUR/PVC  |
| Material property (jacket)          | CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, hydrolysis and microbial resistant |
| Shore hardness (jacket)             | 80 $\pm 5$ A (PVC-under jacket); 85 $\pm 5$ A (PUR-jacket)   |
| Outer- $\varnothing$ (jacket)       | 4.3 mm $\pm 5\%$   |
| Color (jacket)                      | black  |
| Cable labeling                      | see frame delivery specifications 7000-00000-001   |
| chemical resistance                 | good resistance to oil, gasoline and chemicals   |
| 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)             | 10× outer Ø             |
| Bend radius (moving)            | 15× outer Ø             |
| No. of bending cycles (C-track) | max. 2 Mio. (25 °C)     |
| Travel speed (C-track)          | max. 3.3 m/s            |
| Acceleration (C-track)          | max. 5 m/s <sup>2</sup> |

**Commercial data**

|                       |               |
|-----------------------|---------------|
| country of origin     | CZ            |
| customs tariff number | 85444290      |
| EAN                   | 4048879464475 |
| eClass                | 27279218      |
| Packaging unit        | 1.000         |