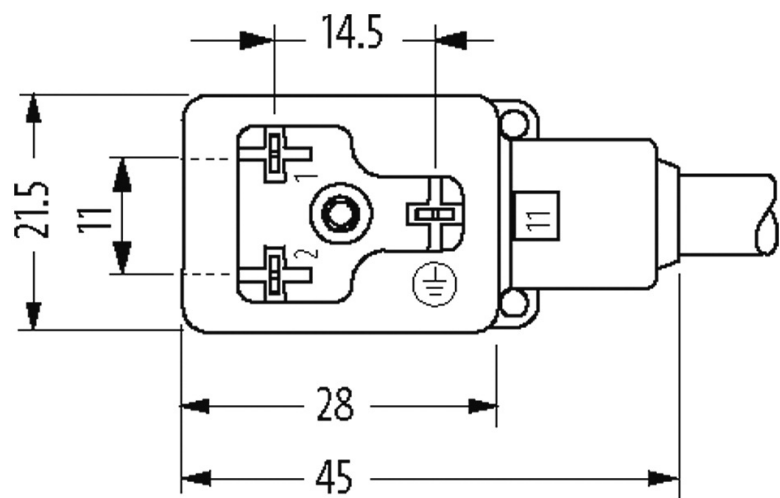


**MSUD VALVE PLUG FORM BI 11MM**

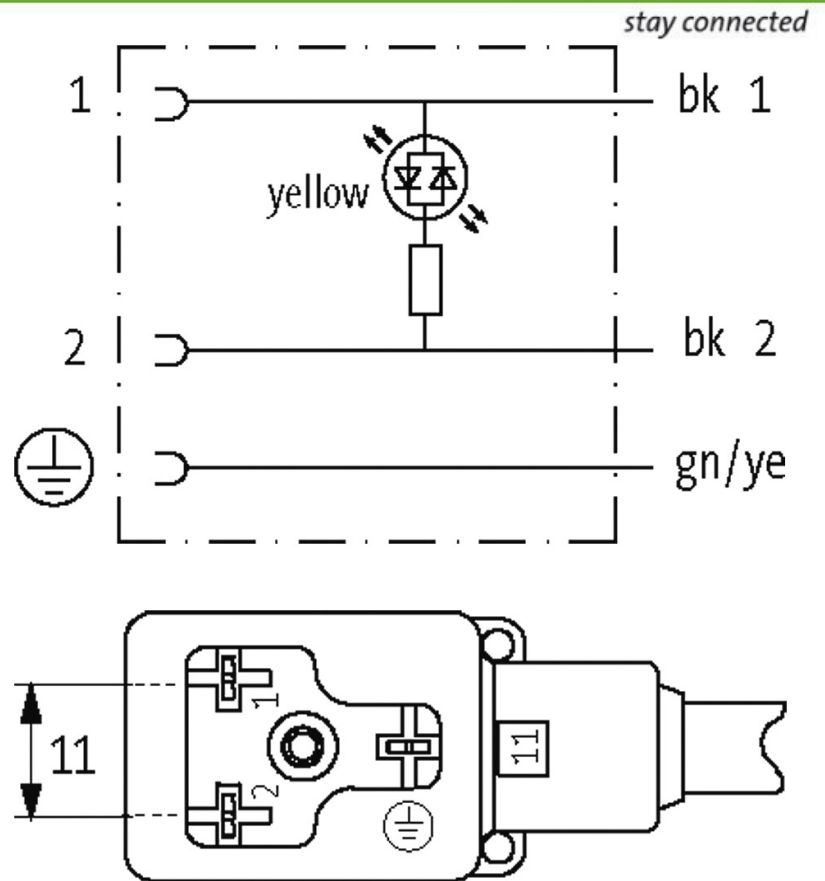
PUR 3X0.75 black 1.5m

MSUD  
Form BI (11 mm)  
24 V AC/DC  $\pm 25\%$   
LED

Further cable lengths on request. 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.

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

Height: 30 mm



Product may differ from Image

### Approvals

cCSAus

\* only for products with UL/CSA approved cable

### Form

Form 11001

### Cables

|                            |  |
|----------------------------|--|
| No./diameter of wires      | 3 × 0.75 mm <sup>2</sup>                   |
| Wire isolation             | PVC (bk num, gnye)                         |
| C-track properties         | 2 Mio.                                     |
| Material (jacket)          | PUR/PVC (UL/CSA)                           |
| Outer Ø                    | 5.9 mm ±5%                                 |
| Bend radius (moving)       | 15 × outer Ø                               |
| Temperature range (fixed)  | -30...+80 °C                               |
| Temperature range (mobile) | -5...+80 °C                                |
| Cable identification       | 626  |
| Cable type                 | 2 (PUR/PVC)                                |
| Approval (cable)           | UL (AWM-Style 20549/1731), CSA; CE conform |
| Cable weight [g/m]         | 55,33                                      |
| Material (wire)            | Cu wire, bare                              |
| Resistor (core)            | max. 26 Ohm/km (20 °C)                     |
| Single wire Ø (core)       | 0.15 mm                                    |

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: 09/18

|                                    |  |
|------------------------------------|--|
| Construction (core)                | 42 × 0.15 mm (multi-strand wire class 6)   |
| Diameter (core)                    | 3 × 0.75 mm <sup>2</sup>   |
| AWG                                | similar to AWG 18  |
| Material (wire isolation)          | PVC  |
| Material property (wire isolation) | CFC-, cadmium-, silicone- and lead-free  |
| Shore hardness (wire isolation)    | 43 ±5 D  |
| Wire-Ø incl. isolation             | 1.8 mm ±5%   |
| Color/numbering of wires           | bk, numbered, gnye longitudinally striped  |
| 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 ±5 A (PVC-under jacket); 85 ±5 A (PUR-jacket)   |
| Outer-Ø (jacket)                   | 5.9 mm ±5%   |
| Color (jacket)                     | black  |
| chemical resistance                | good resistance to oil, gasoline and chemicals   |
| Nominal voltage                    | UL 300 V AC  |
| Test voltage                       | 2 000 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)  |
| Traversing distance (C-track)      | max. 5 m (horizontal)  |
| Travel speed (C-track)             | max. 3.3 m/s   |
| Acceleration (C-track)             | max. 5 m/s <sup>2</sup>  |
| Jacket Color                       | black  |
| <b>Technical data</b>              |  |
| Operating voltage                  | 24 V AC/DC ±25%  |
| Rated surge voltage                | 0.8 kV   |
| Operating current per contact      | max. 4 A   |
| Locking of ports                   | M3 (recommended torque 0.4 Nm)   |
| Protection                         | IP67 inserted and tightened (EN 60529)   |
| Housing                            | Black plastic (gray on request)  |
| <b>General data</b>                |  |
| Temperature range                  | -25...+85 °C, depending on cable quality   |
| <b>Commercial data</b>             |  |
| country of origin                  | CZ   |

|                       |               |
|-----------------------|---------------|
| customs tariff number | 85444290      |
| EAN                   | 4048879222204 |
| eClass                | 27279218      |
| Packaging unit        | 1             |