

M12 male on back A-cod. / MSUD double valve B-10mm

PUR 3x0.75 ye UL/CSA 0m

Form B (10 mm) – M12, connector at the rear

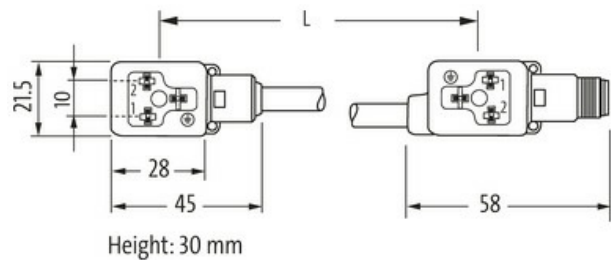
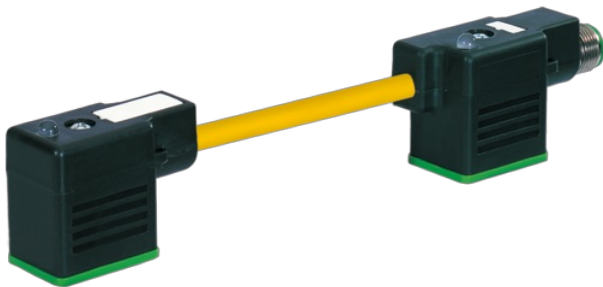
24 V AC $\pm 20\%$ / DC $\pm 25\%$

LED and suppression

Connection cable L = 100 mm

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**

Product may differ from Image

**Form**

Form 41681

Technical Data

| | |
|-------------------------------|---|
| Operating voltage | 24 V AC $\pm 20\%$ / DC $\pm 25\%$ |
| Operating current per contact | max. 4 A |
| Current consumption | approx. 12 mA |
| Switch off peak | max. 55 V |
| LED display | (yellow) |
| Locking of ports | M3 (recommended torque 0.4 Nm) |
| Protection | IP66K, IP67 inserted and tightened (EN 60529) |
| Housing | Black plastic (gray on request) |
| Switch off delay time | max. 20 ms |

General data

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: 03/22

Temperature range -25...+85 °C, depending on cable quality

| Cables | |
|------------------------------------|--|
| No./diameter of wires | 3× 0.75 mm ² |
| Wire isolation | PVC (bk num, gnye) |
| C-track properties | 2 Mio. |
| Outer Ø | 5.9 mm ±5% |
| Cable identification | 026 |
| Cable Type | 2 (PUR/PVC) |
| Approval (cable) | UL (AWM-Style 20549/1731), CSA; CE conform |
| Cable weight [g/m] | 55 g |
| Material (wire) | Cu wire, bare |
| Resistor (core) | max. 26 Ω/km (20 °C) |
| Single wire Ø (core) | 0.15 mm |
| Construction (core) | 42× 0.15 mm (multi-strand wire class 6) |
| Diameter (core) | 3× 0.75 mm ² |
| 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) | yellow |
| Cable labeling | see frame delivery specifications 7000-00000-001 |
| Jacket Color | yellow |
| 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 |
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| Temperature range (mobile) | -5...+80 °C |
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| Bend radius (fixed) | 10× outer Ø |
| Bend radius (moving) | 15× outer Ø |
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| 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 ² |
| Material (jacket) | PUR/PVC (UL/CSA) |
| Commercial data | |
| country of origin | CZ |
| customs tariff number | 85444290 |
| eClass | 27061801 |
| Packaging unit | 1.000 |