

**M12 male 0° A-cod. / MSUD valve plug A-18mm**

PVC 5x0.34 gy UL/CSA 1m

Form A (18 mm) – M12, male straight

24 V DC  $\pm 25\%$ 

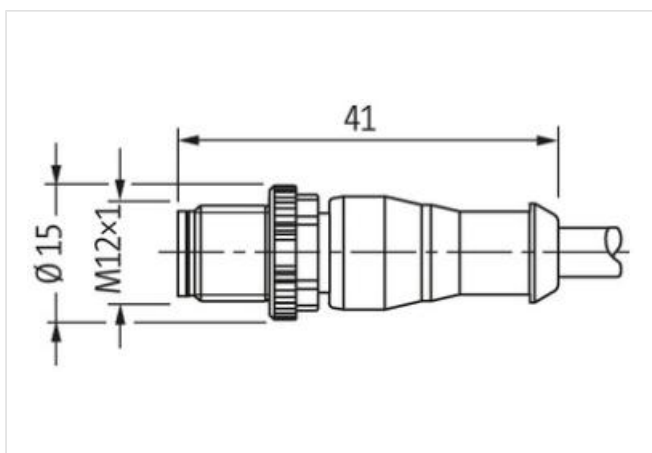
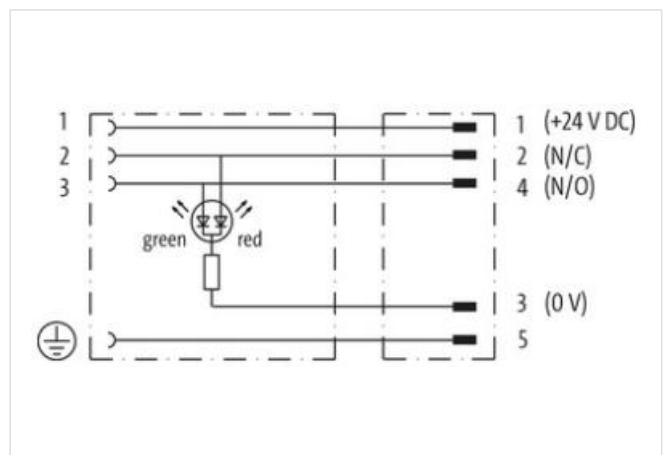
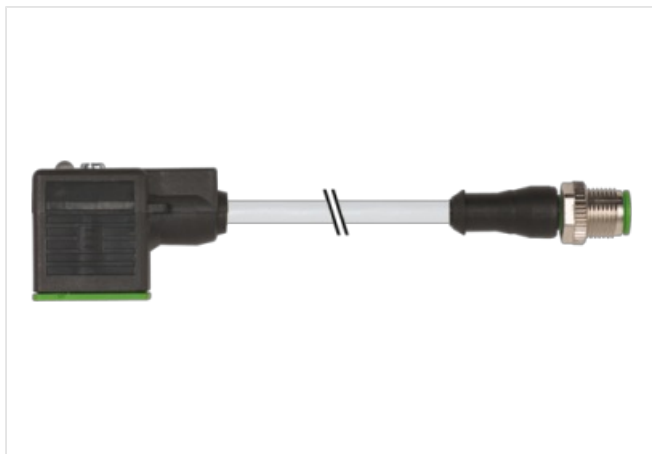
LED (red/green)

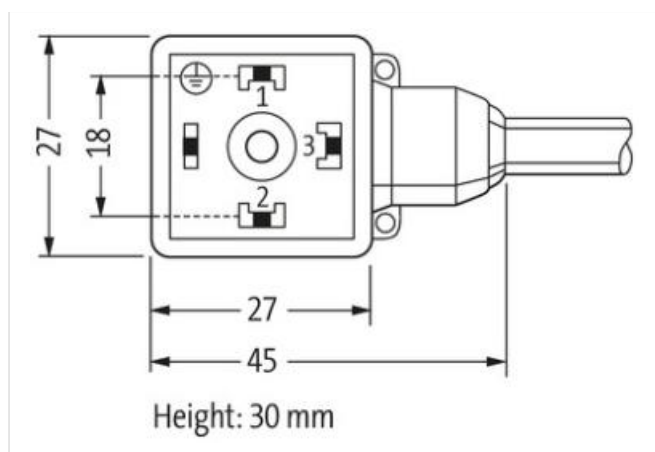
for pressure switches

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**



Product may differ from Image



\* only for products with UL/CSA approved cable

**Form**

Form 40921

**Technical Data**

|                               |  |
|-------------------------------|--|
| Operating voltage             | 24 V DC $\pm 25\%$                                   |
| Rated surge voltage           | 0.8 kV   |
| Operating current per contact | max. 4 A   |
| Locking of ports              | M3/M12 $\times 1$ mm (recommended torque 0.4/0.6 Nm) |
| Protection                    | IP67 inserted and tightened (EN 60529)               |
| Housing                       | Black plastic (gray on request)                      |
| Compression gland             | M12 (SW13)   |

**General data**

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

**Cables**

|                                    |   |
|------------------------------------|---|
| No./diameter of wires              | 5 $\times$ 0.34 mm <sup>2</sup>                 |
| Wire isolation                     | PVC (br, wh, bl, bk, gnye)                      |
| Outer Ø                            | 5.2 mm $\pm 5\%$                                |
| Cable identification               | 215   |
| Cable Type                         | 1 (PVC)   |
| Approval (cable)                   | UL (AWM-Style 2464/1731), CSA                   |
| Cable weight [g/m]                 | 48,4 g  |
| Material (wire)                    | Cu wire, bare                                   |
| Resistor (core)                    | max. 60 $\Omega$ /km (20 °C)                    |
| Single wire Ø (core)               | 0.15 mm   |
| Construction (core)                | 19 $\times$ 0.15 mm (multi-strand wire class 5) |
| Diameter (core)                    | 5 $\times$ 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)    | 45 $\pm 5$ D                                    |
| Wire-Ø incl. isolation             | 1.25 mm $\pm 5\%$                               |
| Color/numbering of wires           | br, bk, bl, wh, gnye longitudinally striped     |
| Stranding combination              | 5 wires twisted around central filler           |
| Shield                             | no  |

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

|  |  |
|--|--|
| Material (jacket)                      | PVC  |
| Material property (jacket)             | CFC-, cadmium-, silicone- and lead-free        |
| Shore hardness (jacket)                | 85 ±5 A  |
| Outer-Ø (jacket)                       | 5.2 mm ±5%                                     |
| Color (jacket)                         | gray   |
| Jacket Color                           | gray   |
| 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 | 7000-40921-2150100                             |
| Cable length                           | 1 m  |