

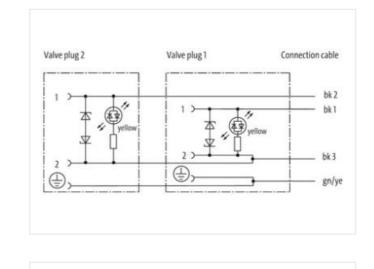
## MSUD double valve BI-11mm with cable

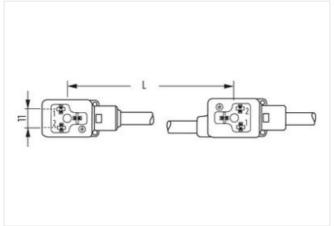
PUR 4x0.75 gy UL/CSA+drag ch. 5m

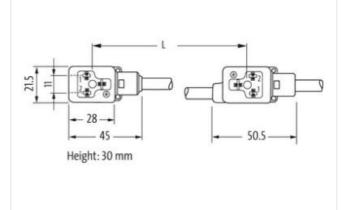
Form BI (11 mm) 24 V AC ±20% / DC ±25% LED and suppression Connection cable L = 200 mm without cable sleeves Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

## Link to Product









Product may differ from Image



Cable length

5 m

Side 1

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-19

Murrelektronik bv | Noorderlaan 147-b9 | B-2030 Antwerpen | Fon +32 (0)380 868 81 | Fax | shop@murrelektronik.be | shop.murrelektronik.be



| Tightening torque                      | 0,4 Nm               |
|--|----------------------|
| Thread                                 | M3                   |
| Material                               | PBT                  |
| Side 2                                 |                      |
| Tightening torque                      | 0,4 Nm               |
| Thread                                 | M3                   |
| Material                               | PBT                  |
| Commercial data                        |                      |
|  | 0707004.0            |
| ECLASS-6.0                             | 27279218             |
| ECLASS-6.1<br>ECLASS-7.0               | 27279218             |
| ECLASS-7.0<br>ECLASS-8.0               | 27279218<br>27279218 |
| ECLASS-9.0                             | 27060312             |
| ECLASS-9.0<br>ECLASS-10.1              | 27060312             |
| ECLASS-10.1<br>ECLASS-11.1             | 27060312             |
| ECLASS-11.1<br>ECLASS-12.0             | 27060312             |
| ETIM-5.0                               | EC001855             |
| customs tariff number                  | 85444290             |
| GTIN                                   | 4048879762526        |
| Packaging unit                         | 1                    |
| Electrical data                        | •                    |
|  |                      |
| Capacity CX                            | 20 ms                |
| Electrical data   Supply               |                      |
| Operating voltage AC                   | 24 V                 |
| Operating voltage AC min.              | 19,2 V               |
| Operating voltage AC max.              | 28,8 V               |
| Operating voltage DC                   | 24 V                 |
| Operating voltage DC min.              | 18 V                 |
| Operating voltage DC max.              | 30 V                 |
| Cut-off peak voltage max.              | 55 V                 |
| Current operating per contact max.     | 4 A                  |
| Current consumption max.               | 15 mA                |
| Diagnostics                            |                      |
| Status indication LED                  | yellow               |
| Device protection   Electrical         |                      |
| Degree of protection (EN IEC 60529)    | IP67                 |
| Additional condition protection degree | inserted, screwed    |
| Pollution Degree                       | 3                    |
| Rated surge voltage                    | 0,8 kV               |
| Material group (IEC 60664-1)           | <br>                 |
| Additional suppressor                  | Diode, Z-Diode       |
| Mechanical data                        |                      |
| Contour for corrugated hose            | without              |
| Mechanical data   Material data        |                      |
|  | vorzielt             |
| Coating locking                        | verzinkt<br>black    |
| Color housing                          | black<br>PUR         |
| Material gasket<br>Locking material    | Steel                |
|  |                      |
| Mechanical data   Mounting data        |                      |
| Mounting method                        | inserted, screwed    |

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-19

Murrelektronik bv | Noorderlaan 147-b9 | B-2030 Antwerpen | Fon +32 (0)380 868 81 | Fax | shop@murrelektronik.be | shop.murrelektronik.be



| Environmental characteristics   Climatic         |  |  |
|--|--|--|
| Operating temperature min.                       | -25 °C   |  |
| Operating temperature max.                       | 85 °C  |  |
| Additional condition temperature range           | depending on cable quality   |  |
| Important installation notes                     |  |  |
| lote on strain relief                            | Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  |  |
| lote on bending radius                           | Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. |  |
| Installation   Cable                             |  |  |
| Cable identification                             | 237  |  |
| Cable Type                                       | 3  |  |
| Printing color of wire insulation                | white (isolation black)  |  |
| acket Color                                      | gray   |  |
| ype of Certificate                               | cURus  |  |
| Amount stranding                                 | 1  |  |
| Stranding  | 4 wires twisted  |  |
| vire arrangement                                 | black 1, black 2, black 3, green-yellow  |  |
| Cable weigth                                     | 69,3 g/m   |  |
| Naterial jacket                                  | PUR  |  |
| Shore hardness jacket                            | 90 ± 5 Shore A   |  |
| reedom from ingredients (jacket)                 | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free   |  |
| Duter-diameter (jacket)                          | 6,5 mm   |  |
| olerance outer diameter (sheath)                 | ±5%  |  |
| Naterial wire insulation                         | PP   |  |
| mount wires                                      | 4  |  |
| Duter diameter insulation                        | 1,85 mm  |  |
| Duter diameter tolerance core insulation         | ±5%  |  |
| hore hardness wire insulation                    | 70 ± 5 Shore D   |  |
| ngredient freeness wire insulation               | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free   |  |
| Printing color of wire insulation                | white (isolation black)  |  |
| mount strands (wire)                             | 42   |  |
| Diameter of single wires                         | 0,15 mm  |  |
| Conductor crosssection (wire)                    | 0,75 mm²   |  |
| Aaterial conductor wire                          | Stranded copper wire, bare   |  |
| Conductor type (wire)                            | strand class 6   |  |
| raversing distance (C-track)                     | 10 m @ 25 °C   horizontal  |  |
| Jominal voltage AC max.                          | 300 V  |  |
| Current load capacity (standard)                 | to DIN VDE 0298-4  |  |
| Current load capacity min. wire                  | 9,6 A  |  |
| lectrical resistance line constant wire          | 26 Ω/km @ 20 °C  |  |
| C withstand voltage (wire - wire)                | 2,5 kV @ 60 s  |  |
| Power frequency withstand voltage (wire - acket) | 2,5 kV @ 60 s  |  |
| lin. operating temperature (static)              | -40 °C   |  |
| lax. operating temperature (fixed)               | 80 °C / 90 °C @ 10000 h Operation  |  |
| Operating temperature min. (dynamic)             | -25 °C   |  |
| Operating temperature max. (dynamic)             | 80 °C / 90 °C @ 10000 h Operation  |  |
| lame resistance                                  | UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2  |  |
| hemical resistance                               | Good, application-related testing  |  |
| Gasoline resistance                              | Good, application-related testing  |  |
| Dil resistance                                   | Good, application-related testing   DIN EN 60811-404   |  |
| Bending radius (fixed)                           | 5 x Outer diameter   |  |
| Bending radius (dynamic)                         | 10 x Outer diameter  |  |
| ravel speed (C-track)                            | 10 Mio. @ 25 °C  |  |

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-19

Murrelektronik bv | Noorderlaan 147-b9 | B-2030 Antwerpen | Fon +32 (0)380 868 81 | Fax | shop@murrelektronik.be | shop.murrelektronik.be



No. of torsion cycles

2 Mio.

Torsion stress Torsion speed ± 180 °/m 35 cycles/min