

**MSUD double valve BI-11mm with cable V2A**

PVC 4x0.75 gy 1.5m

Form BI (11 mm)

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

LED and suppression

4-pole

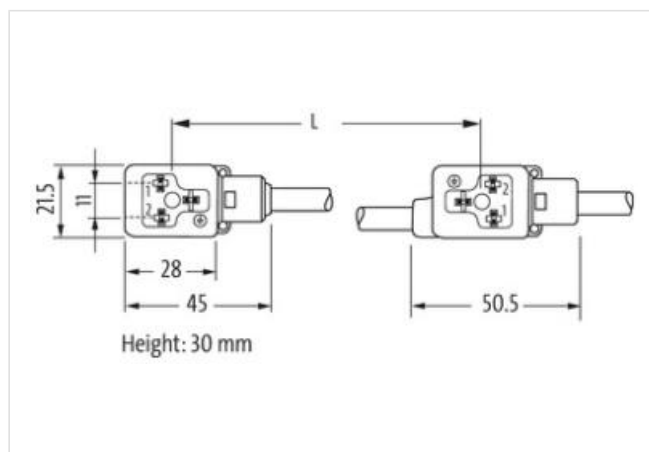
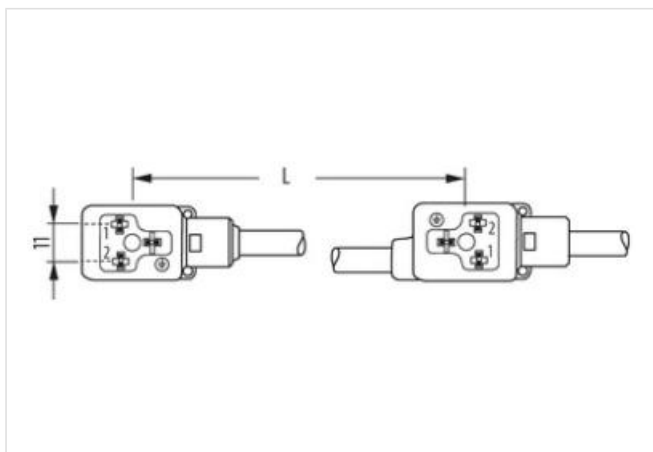
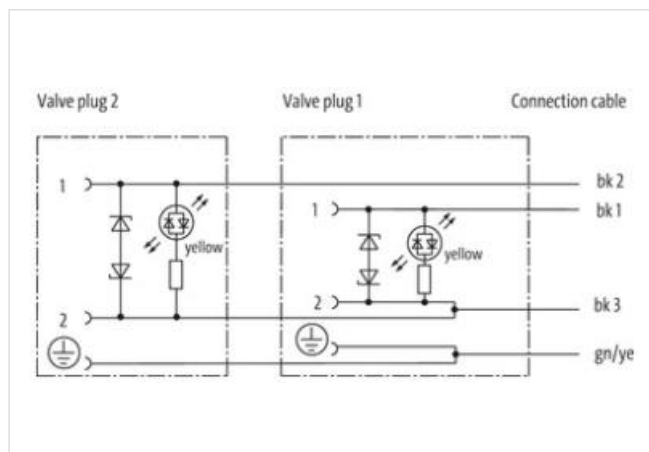
Connection cable L = 200 mm

V2A nut/screw

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 naar het product](#)**Afbeelding**

Product van afwijken van afbeelding



Cable length

1,5 m

| Commerciële gegevens                     |                                                                                                                                                       |
|------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| ECLASS-6.0                               | 27279218                                                                                                                                              |
| ECLASS-7.0                               | 27279218                                                                                                                                              |
| ECLASS-8.0                               | 27279218                                                                                                                                              |
| ECLASS-9.0                               | 27060311                                                                                                                                              |
| ECLASS-10.1                              | 27060312                                                                                                                                              |
| ECLASS-11.1                              | 27060312                                                                                                                                              |
| ECLASS-12.0                              | 27060312                                                                                                                                              |
| ETIM-5.0                                 | EC001855                                                                                                                                              |
| Douane tarief nummer                     | 85444290                                                                                                                                              |
| GTIN                                     | 4048879550543                                                                                                                                         |
| Verpakkingseenheid                       | 1                                                                                                                                                     |
| 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                                                                                                                                                  |
| Current consumption max.                 | 12 mA                                                                                                                                                 |
| Environmental characteristics   Climatic |                                                                                                                                                       |
| Operating temperature min.               | -25 °C                                                                                                                                                |
| Operating temperature max.               | 85 °C                                                                                                                                                 |
| Additional condition temperature range   | depending on cable quality                                                                                                                            |
| Important installation notes             |                                                                                                                                                       |
| Note on strain relief                    | Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.                                                   |
| Note on bending radius                   | <b>Attention:</b> Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. |
| Installation   Cable                     |                                                                                                                                                       |
| Cable identification                     | 217                                                                                                                                                   |
| Cable Type                               | 1                                                                                                                                                     |
| Printing color of wire insulation        | white (isolation black)                                                                                                                               |
| Jacket Color                             | gray                                                                                                                                                  |
| Amount stranding                         | 1                                                                                                                                                     |
| Stranding                                | 4 wires twisted                                                                                                                                       |
| wire arrangement                         | black 1, black 2, black 3, green-yellow                                                                                                               |
| Cable weight                             | 75,9 g/m                                                                                                                                              |
| Material jacket                          | PVC                                                                                                                                                   |
| Shore hardness jacket                    | 80 ± 5 Shore A                                                                                                                                        |
| Freedom from ingredients (jacket)        | lead-free, cadmium-free, CFC-free, silicone-free                                                                                                      |
| Outer-diameter (jacket)                  | 6,5 mm                                                                                                                                                |
| Tolerance outer diameter (sheath)        | ± 5 %                                                                                                                                                 |
| Material wire insulation                 | PVC                                                                                                                                                   |
| Amount wires                             | 4                                                                                                                                                     |
| Outer diameter insulation                | 1,8 mm                                                                                                                                                |
| Outer diameter tolerance core insulation | ± 5 %                                                                                                                                                 |
| Shore hardness wire insulation           | 43 ± 5 Shore D                                                                                                                                        |
| Material properties wire insulation      | good machinability                                                                                                                                    |
| Ingredient freeness wire insulation      | lead-free, cadmium-free, CFC-free, silicone-free                                                                                                      |
| Printing color of wire insulation        | white (isolation black)                                                                                                                               |
| Amount strands (wire)                    | 24                                                                                                                                                    |
| Diameter of single wires                 | 0,2 mm                                                                                                                                                |
| Conductor crosssection (wire)            | 0,75 mm²                                                                                                                                              |

|                                                   |                                                      |
|---------------------------------------------------|------------------------------------------------------|
| Material conductor wire                           | Stranded copper wire, bare                           |
| Conductor type (wire)                             | Strand class 5                                       |
| Max. rated voltage (conductor - conductor)        | 500 V                                                |
| Max. rated voltage (conductor - ground)           | 300 V                                                |
| Current load capacity (standard)                  | to DIN VDE 0298-4                                    |
| Current load capacity min. wire                   | 9,6 A                                                |
| Electrical resistance line constant wire          | 26 $\Omega$ /km @ 20 °C                              |
| AC withstand voltage (wire - wire)                | 3 kV @ 60 s                                          |
| Power frequency withstand voltage (wire - jacket) | 3 kV @ 60 s                                          |
| Min. operating temperature (static)               | -30 °C                                               |
| Max. operating temperature (fixed)                | 70 °C                                                |
| Operating temperature min. (dynamic)              | -5 °C                                                |
| Operating temperature max. (dynamic)              | 70 °C                                                |
| Flame resistance                                  | UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2  |
| chemical resistance                               | Good, application-related testing                    |
| Gasoline resistance                               | Good, application-related testing                    |
| Oil resistance                                    | DIN EN 60811-404   Good, application-related testing |
| Bending radius (fixed)                            | 5 x Outer diameter                                   |
| Bending radius (dynamic)                          | 10 x Outer diameter                                  |