

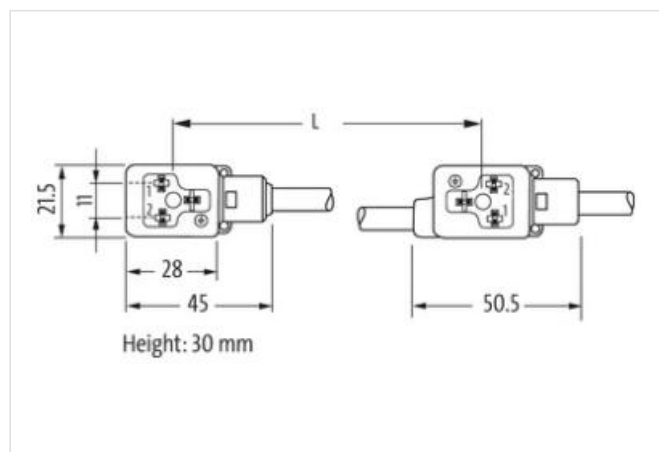
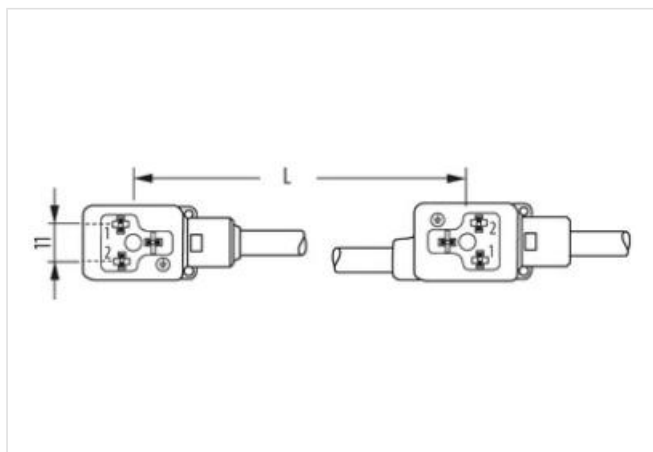
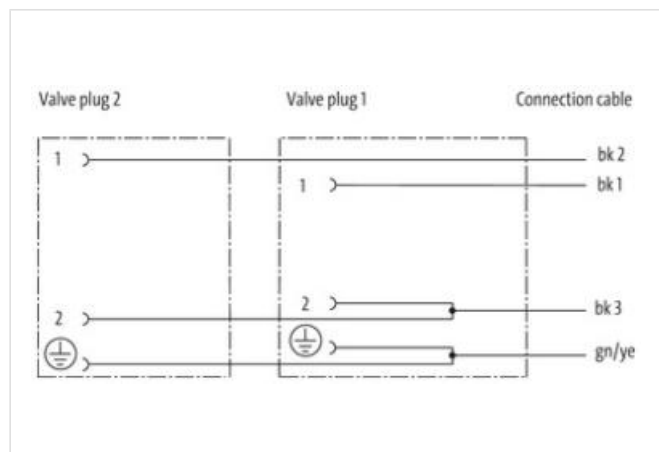
### MSUD double valve BI-11mm with cable

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

Form BI (11 mm) industrial standard  
max. 230 V AC/DC  
without components  
3-pole  
Connection cable L = 200 mm  
PE at cable entry (0°)  
without cable sleeves  
Further cable lengths on request.  
Plastic housings with good resistance against chemicals and oils.

### [Link naar het product](#)

#### Afbeelding



Product van afwijken van afbeelding



Cable length

5 m

|                                                 |                            |
|-------------------------------------------------|----------------------------|
| <b>Side 1</b>                                   |                            |
| Tightening torque                               | 0,4 Nm                     |
| Thread                                          | M3                         |
| Material                                        | PBT                        |
| <b>Side 2</b>                                   |                            |
| Stripping length (jacket)                       | 50 mm                      |
| Tightening torque                               | 0,4 Nm                     |
| Thread                                          | M3                         |
| Material                                        | PBT                        |
| <b>Commerciële gegevens</b>                     |                            |
| ECLASS-6.0                                      | 27279218                   |
| ECLASS-6.1                                      | 27279218                   |
| ECLASS-7.0                                      | 27279218                   |
| ECLASS-8.0                                      | 27279218                   |
| ECLASS-9.0                                      | 27060312                   |
| ECLASS-10.1                                     | 27060312                   |
| ECLASS-11.1                                     | 27060312                   |
| ECLASS-12.0                                     | 27060312                   |
| ETIM-5.0                                        | EC001855                   |
| Douane tarief nummer                            | 85444290                   |
| GTIN                                            | 4048879662093              |
| Verpakkingseenheid                              | 1                          |
| <b>Electrical data   Supply</b>                 |                            |
| Operating voltage AC max.                       | 230 V                      |
| Operating voltage DC max.                       | 230 V                      |
| Current operating per contact max.              | 4 A                        |
| <b>Installation   Connection</b>                |                            |
| Stripping length (jacket)                       | 50 mm                      |
| <b>Device protection   Electrical</b>           |                            |
| Degree of protection (EN IEC 60529)             | IP67                       |
| Additional condition protection degree          | inserted, screwed          |
| Pollution Degree                                | 3                          |
| Rated surge voltage                             | 4 kV                       |
| Material group (IEC 60664-1)                    | I                          |
| <b>Mechanical data</b>                          |                            |
| Contour for corrugated hose                     | without                    |
| <b>Mechanical data   Material data</b>          |                            |
| Coating locking                                 | verzinkt                   |
| Color housing                                   | black                      |
| Material gasket                                 | PUR                        |
| Locking material                                | Steel                      |
| <b>Mechanical data   Mounting data</b>          |                            |
| Mounting method                                 | inserted, screwed          |
| <b>Environmental characteristics   Climatic</b> |                            |
| Operating temperature min.                      | -25 °C                     |
| Operating temperature max.                      | 85 °C                      |
| Additional condition temperature range          | depending on cable quality |
| <b>Installation   Cable</b>                     |                            |
| Cable identification                            | 237                        |
| Cable Type                                      | 3                          |

|                                                         |                                                                |
|---------------------------------------------------------|----------------------------------------------------------------|
| Printing color of wire insulation                       | white (isolation black)                                        |
| Jacket Color                                            | gray                                                           |
| Type of Certificate                                     | cURus                                                          |
| Amount stranding                                        | 1                                                              |
| Stranding                                               | 4 wires twisted                                                |
| wire arrangement                                        | black 1, black 2, black 3, green-yellow                        |
| No. of bending cycles (C-track)                         | 10 Mio. @ 25 °C                                                |
| Cable weight                                            | 69,3 g/m                                                       |
| Material jacket                                         | PUR                                                            |
| Shore hardness jacket                                   | 90 ± 5 Shore A                                                 |
| Freedom from ingredients (jacket)                       | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
| Outer-diameter (jacket)                                 | 6,5 mm                                                         |
| Tolerance outer diameter (sheath)                       | ± 5 %                                                          |
| Material wire insulation                                | PP                                                             |
| Amount wires                                            | 4                                                              |
| Outer diameter insulation                               | 1,85 mm                                                        |
| Outer diameter tolerance core insulation                | ± 5 %                                                          |
| Shore hardness wire insulation                          | 70 ± 5 Shore D                                                 |
| Ingredient freeness wire insulation                     | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
| Printing color of wire insulation                       | white (isolation black)                                        |
| Amount strands (wire)                                   | 42                                                             |
| Diameter of single wires                                | 0,15 mm                                                        |
| Conductor crosssection (wire)                           | 0,75 mm <sup>2</sup>                                           |
| Material conductor wire                                 | Stranded copper wire, bare                                     |
| Conductor type (wire)                                   | strand class 6                                                 |
| Traversing distance (C-track)                           | 10 m @ 25 °C   horizontal                                      |
| Current load capacity (standard)                        | to DIN VDE 0298-4                                              |
| Current load capacity min. wire                         | 9,6 A                                                          |
| Electrical resistance line constant wire                | 26 Ω/km @ 20 °C                                                |
| Nominal voltage power AC max.                           | 300 V                                                          |
| Power frequency withstand voltage power (wire - jacket) | 2,5 kV @ 60 s                                                  |
| AC withstand voltage power (wire - wire)                | 2,5 kV @ 60 s                                                  |
| Min. operating temperature (static)                     | -40 °C                                                         |
| Max. 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                              |
| Flame resistance                                        | UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2            |
| chemical resistance                                     | Good, application-related testing                              |
| Gasoline resistance                                     | Good, application-related testing                              |
| Oil resistance                                          | Good, application-related testing   DIN EN 60811-404           |
| Bending radius (fixed)                                  | 5 x Outer diameter                                             |
| Bending radius (dynamic)                                | 10 x Outer diameter                                            |
| No. of torsion cycles                                   | 2 Mio.                                                         |
| Torsion speed                                           | 35 cycles/min                                                  |
| Torsion stress                                          | ± 180 °/m                                                      |