

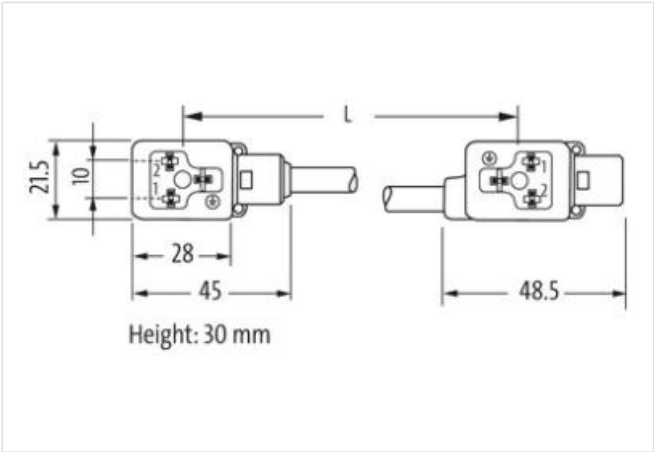
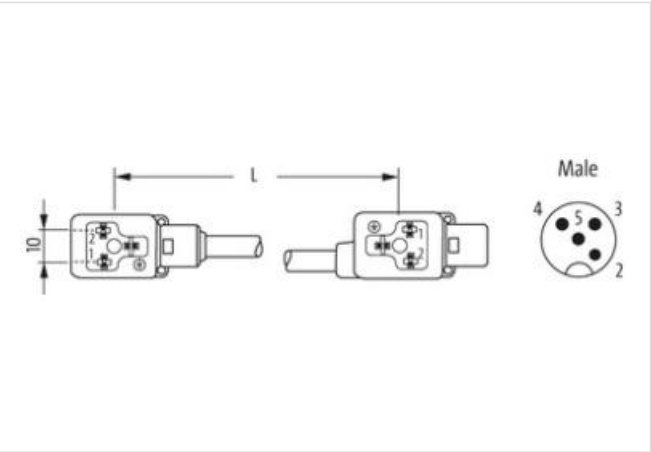
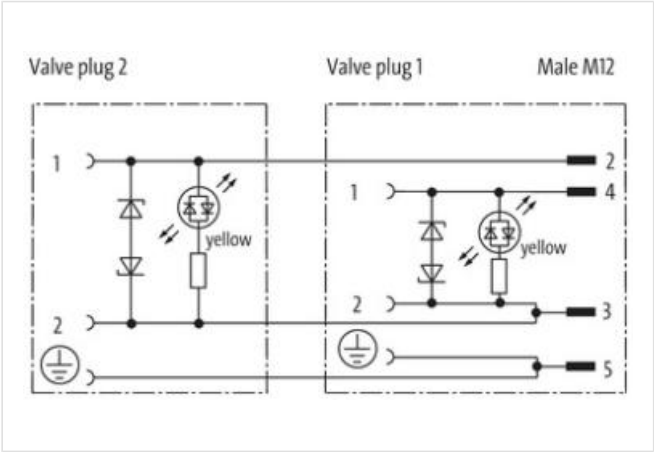
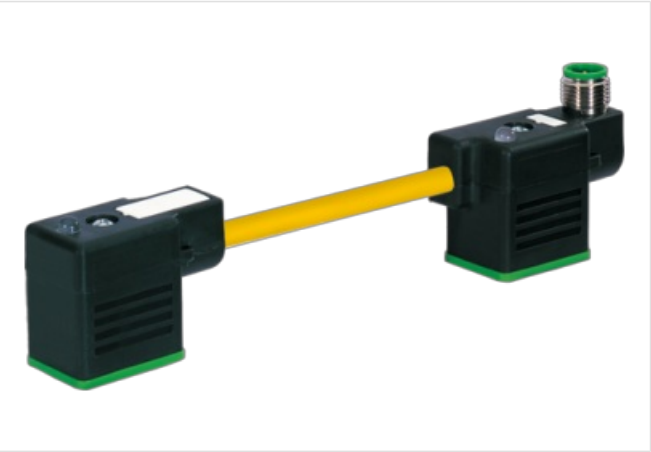
M12 male on top A-cod. / MSUD double valve B-10mm

PVC 3x0.75 ye 0m

Form B (10 mm) – M12, connector top entry  
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 naar het product

Afbeelding



Product van afwijken van afbeelding



| Side 1            |        |
|-------------------|--------|
| Tightening torque | 0,4 Nm |
| Thread            | M3     |
| Side 2            |        |

Tightening torque 0,4 Nm

Thread M3

#### Commerciële gegevens

ECLASS-6.0 27061801  
 Douane tarief nummer 85444290  
 GTIN 4065909097601  
 Verpakkingseenheid 1

#### Electrical data

Drop-out delay time max. 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. 12 mA

#### Diagnostics

Status indication LED yellow

#### Device protection | Electrical

Degree of protection (EN IEC 60529) IP67  
 Degree of protection (ISO 20653:2013) IP66K  
 Additional condition protection degree inserted, screwed

#### Mechanical data | Material data

Color housing black  
 Material housing Plastic

#### Mechanical data | Mounting data

Mounting method inserted, screwed

#### 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 **Attention:** Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.

#### Installation | Cable

wire arrangement black 1, black 2, green-yellow  
 Cable identification 016  
 Cable Type 1  
 Printing color of wire insulation white (isolation black)  
 Jacket Color yellow  
 Amount stranding 1  
 Stranding 3 wires twisted  
 wire arrangement black 1, black 2, green-yellow  
 Cable weight 63,8 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)                           | 5,9 mm                                               |
| Tolerance outer diameter (sheath)                 | ± 5 %                                                |
| Material wire insulation                          | PVC                                                  |
| Amount wires                                      | 3                                                    |
| 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 mm <sup>2</sup>                                 |
| 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                   | 12 A                                                 |
| Electrical resistance line constant wire          | 26 Ω/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                                  | IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090  |
| 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                                  |