

**M12 male on back A-cod. / MSUD double valve A-18mm**

PUR 3x0.75 gy UL/CSA 0m

Form A (18 mm) – M12, connector at the rear

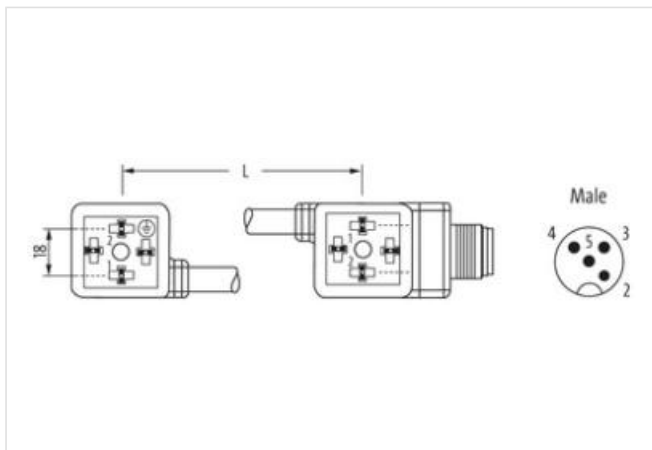
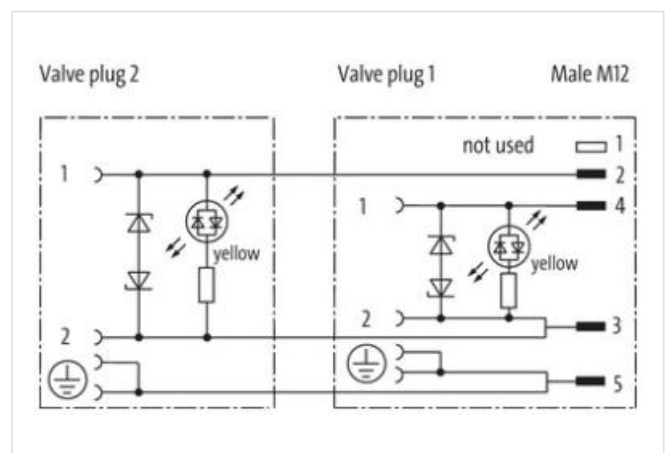
24 V AC  $\pm 20\%$  / DC  $\pm 25\%$ 

LED and suppression

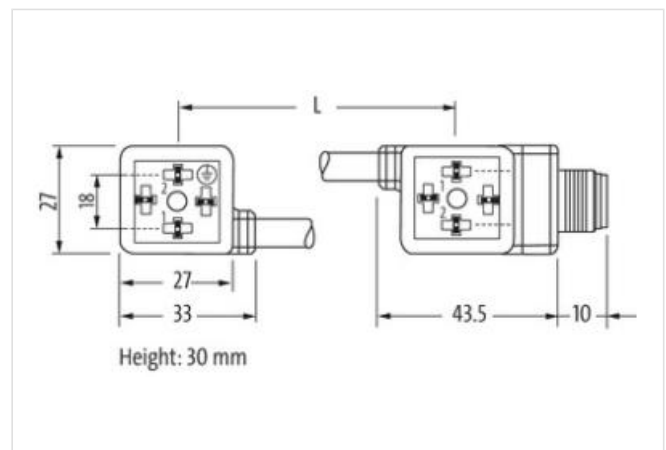
Connection cable L = 150 mm

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 til produkt](#)**Illustrasjon**

Produktet kan avvike fra bildet

**Side 1**

Tightening torque 0,4 Nm

Thread M3

**Side 2**

Tightening torque 0,4 Nm

Thread M3

#### Handelsinformasjon

|                  |               |
|------------------|---------------|
| ECLASS-6.0       | 27143423      |
| 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      |
| GTIN             | 4048879144179 |
| Pakkestørrelse   | 1             |
| Tolltariffnummer | 85444290      |

#### 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    |

#### Device protection | Electrical

|                                        |                   |
|----------------------------------------|-------------------|
| Degree of protection (EN IEC 60529)    | IP67              |
| 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 | <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 | 226                            |
| Cable Type           | 2                              |
| Jacket Color         | gray                           |
| Type of Certificate  | cURus                          |
| Amount stranding     | 1                              |
| Stranding            | 3 wires twisted                |
| wire arrangement     | black 1, black 2, green-yellow |
| Cable weight         | 55,33 g/m                      |

|                                                   |                                                                |
|---------------------------------------------------|----------------------------------------------------------------|
| Material jacket                                   | PUR                                                            |
| Shore hardness jacket                             | 85 ± 5 Shore A                                                 |
| Freedom from ingredients (jacket)                 | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
| Outer-diameter (jacket)                           | 5,9 mm                                                         |
| Tolerance outer diameter (sheath)                 | ± 5 %                                                          |
| Material inner jacket                             | PVC                                                            |
| 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                                                 |
| Ingredient freeness wire insulation               | lead-free, cadmium-free, CFC-free, silicone-free               |
| 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                                                 |
| Nominal voltage AC max.                           | 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)                | 2 kV @ 60 s                                                    |
| Power frequency withstand voltage (wire - jacket) | 2 kV @ 60 s                                                    |
| Min. operating temperature (static)               | -30 °C                                                         |
| Max. operating temperature (fixed)                | 80 °C                                                          |
| Operating temperature min. (dynamic)              | -5 °C                                                          |
| Operating temperature max. (dynamic)              | 80 °C                                                          |
| UV resistance                                     | DIN EN ISO 4892-2 A                                            |
| Flame resistance                                  | IEC 60332-2-2   UL 1581 § 1090   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)                            | 10 x Outer diameter                                            |
| Bending radius (dynamic)                          | 15 x Outer diameter                                            |
| Travel speed (C-track)                            | 2 Mio. @ 25 °C                                                 |