

**MSUD valve plug A-18mm with cable**

PUR 5x0.75 ye 10m

MSUD

Form A (18 mm)

24 V DC  $\pm 25\%$ 

LED (red/green)

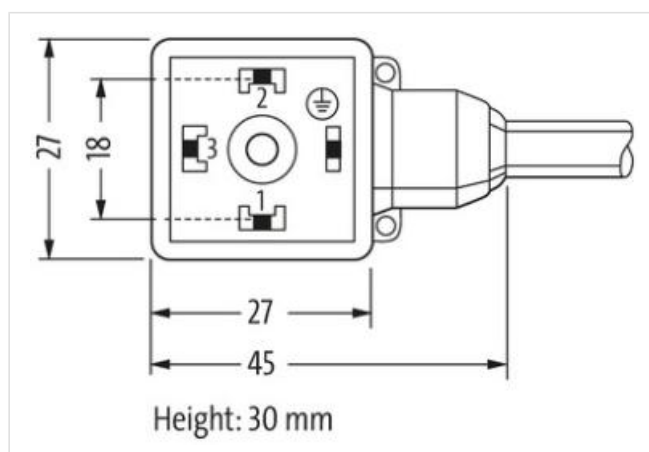
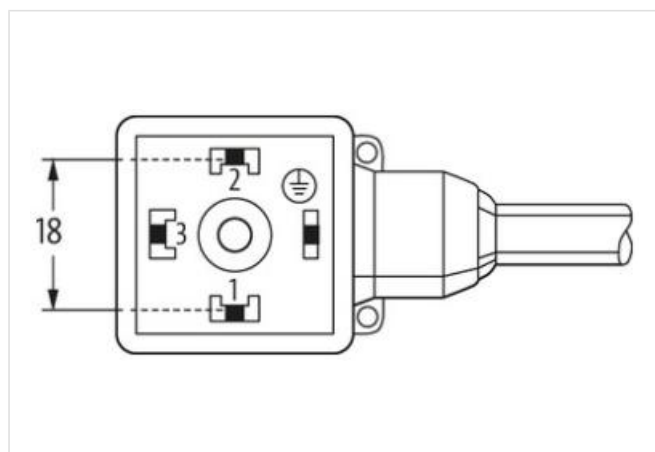
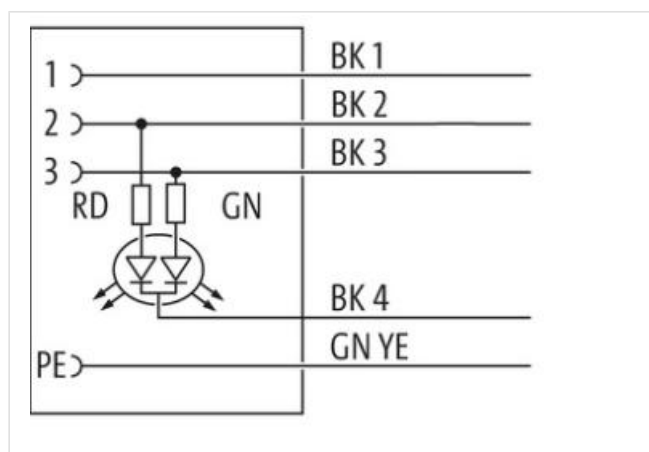
for pressure switches

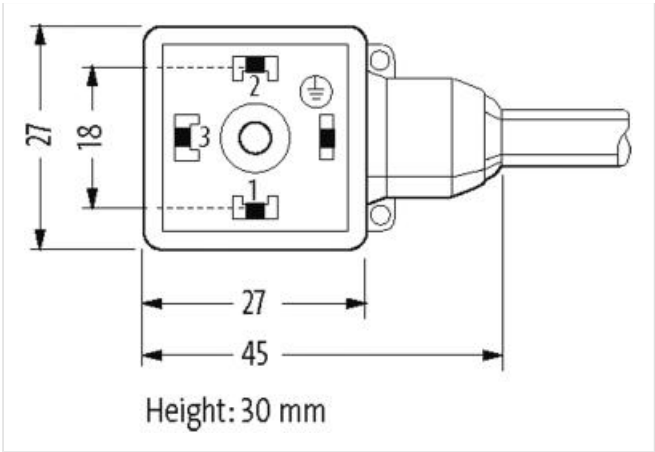
PE at cable entry (180°)

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 a termékhez](#)**Ábrák**



Szimbolikus ábra



|                                        |                   |
|----------------------------------------|-------------------|
| Cable length                           | 10 m              |
| Side 1                                 |                   |
| Tightening torque                      | 0,4 Nm            |
| Mounting method                        | inserted, screwed |
| Family construction form               | MSUD A            |
| Thread                                 | M3                |
| Material                               | PBT               |
| Degree of protection (EN IEC 60529)    | IP66K, IP67       |
| Commercial data                        |                   |
| 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          |
| customs tariff number                  | 85444290          |
| GTIN                                   | 4065909042854     |
| Packaging unit                         | 1                 |
| Electrical data   Supply               |                   |
| Operating voltage DC                   | 24 V              |
| Operating voltage DC min.              | 18 V              |
| Operating voltage DC max.              | 30 V              |
| Current operating per contact max.     | 4 A               |
| Installation   Connection              |                   |
| Mounting set                           | M3                |
| Device protection   Electrical         |                   |
| Additional condition protection degree | inserted, screwed |
| Mechanical data   Material data        |                   |
| Coating of fitting                     | verzinkt          |

|                                                 |                                                                                                                                                       |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Color housing                                   | black                                                                                                                                                 |
| Material housing                                | Plastic                                                                                                                                               |
| Material screw connection                       | 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>Important installation notes</b>             |                                                                                                                                                       |
| 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. |
| <b>Installation   Cable</b>                     |                                                                                                                                                       |
| wire arrangement                                | black 1, black 2, black 3, black 4, green-yellow                                                                                                      |
| Cable identification                            | 028                                                                                                                                                   |
| Cable Type                                      | 2                                                                                                                                                     |
| Printing color of wire insulation               | white (isolation black)                                                                                                                               |
| Jacket Color                                    | yellow                                                                                                                                                |
| Type of Certificate                             | cURus                                                                                                                                                 |
| Amount stranding                                | 1                                                                                                                                                     |
| Stranding                                       | 5 wires around Core filler twisted                                                                                                                    |
| Filler                                          | yes                                                                                                                                                   |
| wire arrangement                                | black 1, black 2, black 3, black 4, green-yellow                                                                                                      |
| Cable weight                                    | 92,4 g/m                                                                                                                                              |
| Material jacket                                 | PUR                                                                                                                                                   |
| Shore hardness jacket                           | 85 ± 5 Shore A                                                                                                                                        |
| Freedom from ingredients (jacket)               | lead-free, cadmium-free, CFC-free, silicone-free                                                                                                      |
| Outer-diameter (jacket)                         | 7 mm                                                                                                                                                  |
| Tolerance outer diameter (sheath)               | ± 5 %                                                                                                                                                 |
| Material inner jacket                           | PVC                                                                                                                                                   |
| Color (inner jacket)                            | yellow                                                                                                                                                |
| Material wire insulation                        | PVC                                                                                                                                                   |
| Amount wires                                    | 5                                                                                                                                                     |
| 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                                                                                                      |
| Printing color of wire insulation               | white (isolation black)                                                                                                                               |
| Amount strands (wire)                           | 42                                                                                                                                                    |
| Diameter of single wires                        | 0,15 mm                                                                                                                                               |
| Conductor crosssection (wire)                   | 0,75 mm²                                                                                                                                              |
| Material conductor wire                         | Stranded copper wire, bare                                                                                                                            |
| Conductor type (wire)                           | strand class 6                                                                                                                                        |
| Electrical function wire                        | Signal                                                                                                                                                |
| Nominal voltage AC max.                         | 300 V                                                                                                                                                 |
| Current load capacity (standard)                | to DIN VDE 0298-4                                                                                                                                     |
| Current load capacity min. wire                 | 9 A                                                                                                                                                   |
| Electrical function wire                        | Signal                                                                                                                                                |
| Electrical resistance line constant wire        | 26 Ω/km @ 20 °C                                                                                                                                       |
| Min. operating temperature (static)             | -30 °C                                                                                                                                                |
| Max. operating temperature (fixed)              | 80 °C                                                                                                                                                 |
| Operating temperature min. (dynamic)            | -5 °C                                                                                                                                                 |

|                                      |                                   |
|--------------------------------------|-----------------------------------|
| Operating temperature max. (dynamic) | 80 °C                             |
| chemical resistance                  | Good, application-related testing |
| Gasoline resistance                  | Good, application-related testing |
| Oil resistance                       | DIN EN 60811-404                  |
| Bending radius (fixed)               | 10 x Outer diameter               |
| Bending radius (dynamic)             | 15 x Outer diameter               |
| No. of bending cycles (C-track)      | 2 Mio. @ 25 °C                    |
| Traversing distance (C-track)        | 5 m @ 25 °C                       |
| Travel speed (C-track)               | 3,3 m/s @ 25 °C                   |