

MSUD valve plug A-18mm with cable V4A

PUR 5x0.75 bk UL/CSA+drag ch. 10m

MSUD

The resistance to aggressive media should be individually tested for your application. Further details on request.

Form A (18 mm)

24 V DC $\pm 25\%$

4-pole

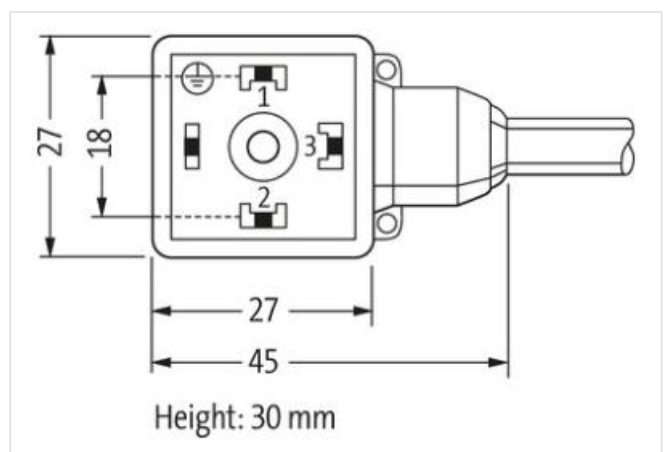
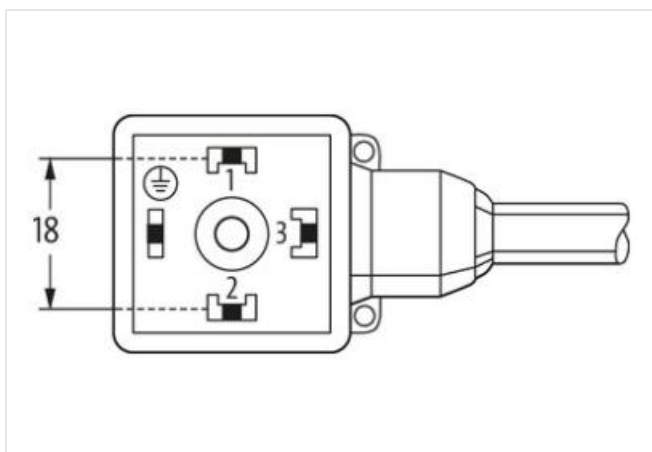
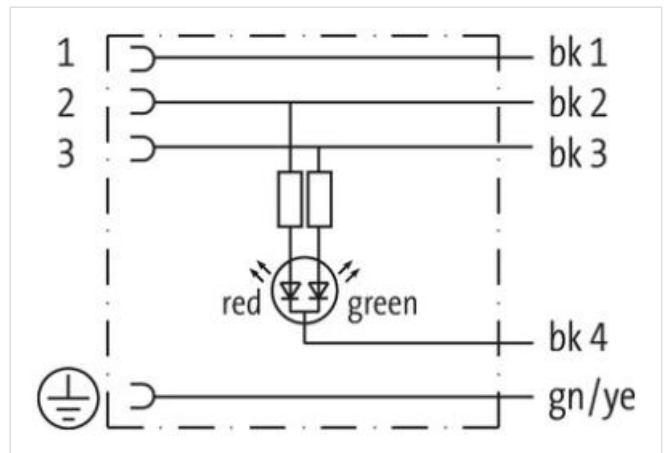
LED (red/green)

Screw, Stainless Steel 1.4404 (V4A)

without cable sleeves

Further cable lengths on request.

Plastic housings with good resistance against chemicals and oils.

Link to Product**Illustration**

Product may differ from Image



| | |
|--------------|------|
| Cable length | 10 m |
|--------------|------|

Side 1

| | |
|-------------------------------------|-------------------|
| Tightening torque | 0,4 Nm |
| Mounting method | inserted, screwed |
| Coating contact | silver-plated |
| Family construction form | MSUD |
| Thread | M3 |
| Material contact | Copper alloy |
| No. of poles | 4 |
| Degree of protection (EN IEC 60529) | IP67 |

Side 2

| | |
|-----------------|---------------|
| Coating contact | silver-plated |
|-----------------|---------------|

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 | 4048879747455 |
| 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 |
| Current consumption max. | 15 mA |

Diagnostics

| | |
|-----------------------|------------|
| Status indication LED | green, red |
|-----------------------|------------|

Device protection | Electrical

| | |
|--|-------------------|
| Additional condition protection degree | inserted, screwed |
| Pollution Degree | 3 |
| Rated surge voltage | 0,8 kV |
| Material group (IEC 60664-1) | I |

Mechanical data

| | |
|-----------------------------|---------|
| Contour for corrugated hose | without |
|-----------------------------|---------|

Mechanical data | Material data

| | |
|------------------|------------------------------|
| Color housing | black |
| Material gasket | PUR |
| Material housing | PBT |
| Locking material | Stainless steel 1.4404 (V4A) |

Environmental characteristics | Climatic

| | |
|--|----------------------------|
| Operating temperature min. | -25 °C |
| Operating temperature max. | 85 °C |
| Additional condition temperature range | depending on cable quality |

Installation | Cable

| | |
|----------------------|-----|
| Cable identification | 638 |
|----------------------|-----|

| | |
|---|--|
| Cable Type | 3 |
| Printing color of wire insulation | white (isolation black) |
| Jacket Color | black |
| 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 |
| No. of bending cycles (C-track) | 10 Mio. @ 25 °C |
| Cable weight | 81,4 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) | 7 mm |
| Tolerance outer diameter (sheath) | ± 5 % |
| Material wire insulation | PP |
| Amount wires | 5 |
| 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 mm² |
| 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 | 8,4 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 |
| UV resistance | DIN EN ISO 4892-2 A |
| 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 | DIN EN 60811-404 Good, application-related testing |
| 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 |