

MSUD valve plug A-18mm with cable

PUR 3x0.75 gy UL/CSA 10m

MSUD Form A (18 mm) 24 V AC ±20% / DC ±25% LED and suppression Bridged PE

Further cable lengths on request.

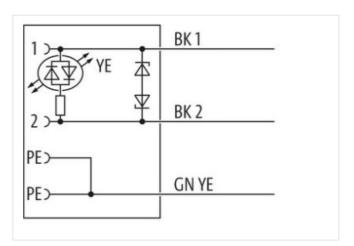
Plastic housings with good resistance against chemicals and oils.

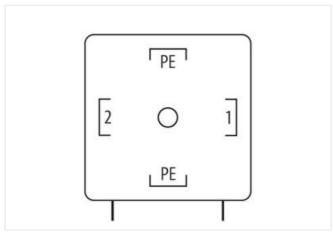
The resistance to aggressive media should be individually tested for your application. Further details on request.

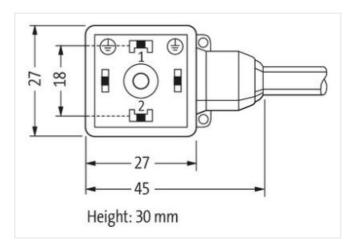
Link to Product

Illustration









Product may differ from Image









Cable length

10 m

Side 1



stay connected

| Tightening torque | 0,4 Nm |
|--|-------------------|
| Mounting method | inserted, screwed |
| Family construction form | MSUD A |
| Thread | M3 |
| Material | PBT |
| Degree of protection (EN IEC 60529) | 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 | 4048879194112 |
| Packaging unit | 1 |
| 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 |
| Current consumption max. | 15 mA |
| Diagnostics | |
| Status indication LED | yellow |
| | yenow |
| Installation Connection | |
| Mounting set | M3 |
| Device protection Electrical | |
| Additional condition protection degree | inserted, screwed |
| Pollution Degree | 3 |
| Rated surge voltage | 0,8 kV |
| Material group (IEC 60664-1) | |
| Additional suppressor | Diode, Z-Diode |
| Mechanical data Material data | |
| Coating locking | verzinkt |
| Coating of fitting | verzinkt |
| Color housing | black |
| Material gasket | PUR |
| Locking material | Steel |
| Material screw connection | Steel |
| Mechanical data Mounting data | |
| Mounting method | inserted, screwed |
| Environmental characteristics Climatic | |



| Important installation notes | Operating temperature min. | -25 °C |
|--|--|--|
| Important installation notes 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 Z26 Cable (dentification) 226 Cable Type 2 Jacket Color gry Type of Certificate cURbus Attraction of Stranding 3 Stranding 3 wires twisted Wire arrangement Dake 1, black 2, green-yellow Cable weigh 55.33 g/m Shore hardness jinchet 85 + 5 Shore A Freedom from ingredients (gicket) 55.7 g/m Other diameter (ginket) 5,9 mm Tolerance outer diameter (ginket) 5,9 mm Tolerance outer diameter (ginket) 45 % Material inner jacket PVC Material were insulation 1,8 mm Outer diameter insulation 4,3 t S Shore D Ingredient Fenness wire insulation 4,5 t S mm Ingredient Fenness wire insulation 4,5 t S mm Ou | Operating temperature max. | 85 °C |
| Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Attention: Observe the permissable bending radii when laying cables, as the IP protection class can be ordangered by excessive bending forces. Cable identification Cable Cable Very Cable Cable Very | Additional condition temperature range | depending on cable quality |
| Note on bending radius Attention: Coserve the permissible bendring add when laying cables, as the IP protection class can be entargered by excessive bending forces. Attention (Cable Cable inferification 226 Cable Type 2 Lacket Color gray Type of Certificate Culbrus Charles Charles Culbrus Charles Charle | Important installation notes | |
| Alteritoric Osservic the permissible bendring addi when laying cables, as the IP protection class can be endangered by excessive bendring drones. Alteritoric Osservic the permissible bendring addi when laying cables, as the IP protection class can be endangered by excessive bendring forces. Alteritoric Osservice forces. Alteritoric Osservice bendring forces. A | Note on strain relief | Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. |
| Cable Identification 226 Gable Type 2 Lacket 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 Markerial jacket PUR Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) 10 and free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 5 9 mm Tolerance outer diameter (jacket) 1 5 % Material wire insulation PVC Material wire insulation PVC Amount wires 3 Outer diameter (blorance core insulation ± 5 % Shore hardness wire insulation 43 ± 5 Shore D Outer diameter (blorance core insulation ± 5 % Shore hardness wire insulation 4 ± 5 % Durander of single wires 0.15 mm Conductor (wire) 42 Diameter of single wires 0.15 mm Conductor (ype (wire) 8 | Note on bending radius | Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be |
| Cable Identification 226 Gable Type 2 Lacket 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 Markerial jacket PUR Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) 10 and free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 5 9 mm Tolerance outer diameter (jacket) 1 5 % Material wire insulation PVC Material wire insulation PVC Amount wires 3 Outer diameter (blorance core insulation ± 5 % Shore hardness wire insulation 43 ± 5 Shore D Outer diameter (blorance core insulation ± 5 % Shore hardness wire insulation 4 ± 5 % Durander of single wires 0.15 mm Conductor (wire) 42 Diameter of single wires 0.15 mm Conductor (ype (wire) 8 | Installation Cable | |
| Cable Type 2 Jacket Color gray 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 Order-diameter (jacket) 7.9 mm Order-diameter (jacket) PVC Malerial inner jacket PVC Malerial inner jacket PVC Amount wires 3 Outer diameter (jacket) PVC Amount wires 3 Outer diameter insulation 1.8 mm Outer diameter insulation \$2.5 % Amount wire insulation \$3.5 % Shore hardness were insulation \$2.5 % Jacket Coloration (wire) \$2.5 % Diameter of single wires <t< td=""><td></td><td>226</td></t<> | | 226 |
| Jacket Color gray | | - |
| Type of Certificate | ** | |
| Stranding 1 | | |
| Stranding 3 wires twisted black 1, black 2, green-yellow 2.5 cable weigh 55.33 g/m | •• | |
| 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 % Material inner jacket PVC Material wire insulation PVC Material wire insulation 1,8 mm Outer diameter tolerance ocroe insulation 1,8 mm Outer diameter insulation 1,8 mm Outer diameter tolerance ocroe insulation ± 5 % Shore hardness wire insulation 43 ± 5 Shore D Ingredient freeness wire insulation 43 ± 5 Shore D Ingredient freeness wire insulation 43 ± 5 Shore D Ingredient freeness wire insulation 43 ± 5 Shore D Ingredient freeness wire insulation 43 ± 5 Shore D Ingredient freeness wire insulation 43 ± 5 Shore D Ingredient freeness wire insulation 43 ± 5 Shore D Ingredient freeness wire insulation 43 ± 5 Shore D Ingredient freeness wire insulation 43 ± 5 Shore D | | |
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| lead-free, cadmium-free, CFC-free, halogen-free, silicone-free | | |
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| Tolerance outer diameter (sheath) | | - |
| 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 mm² 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 (standard) to DIN VDE 0298-4 Current load capacity (wire) 2 k W @ 60 s Power frequency withstand voltage (wire - wire) 2 k W @ 60 s Power frequency withstand voltage (wire - acket) 2 k W @ 60 s Max. operating temperature (static) 30 °C Max. operating temperature (mixed) 80 °C Operating temperature mix. (dynamic) -5 °C Operating temperatur | • | · |
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| AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - acket) 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 Gasoline resistance Good, application-related testing Gasoline resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 10 x Outer diameter Bending radius (dynamic) 15 x Outer diameter | Current load capacity min. wire | |
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| 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 DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 10 x Outer diameter Bending radius (dynamic) 15 x Outer diameter | Operating temperature min. (dynamic) | -5 °C |
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| 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 | Flame resistance | IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2 |
| Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 10 x Outer diameter Bending radius (dynamic) 15 x Outer diameter | chemical resistance | Good, application-related testing |
| Bending radius (fixed) 10 x Outer diameter Bending radius (dynamic) 15 x Outer diameter | Gasoline resistance | Good, application-related testing |
| Bending radius (dynamic) 15 x Outer diameter | 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 |