

## MSUD double valve A-18mm with cable

PUR 4x0.75 bk UL/CSA 0.3m

Form A (18 mm) 24 V AC ±20% / DC ±25% LED and suppression Connection cable L = 300 mm Bridged PE without cable sleeves

Further cable lengths on request.

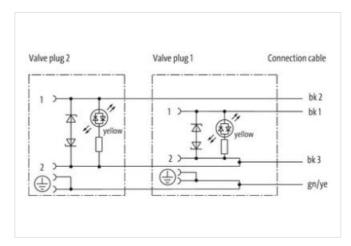
Plastic housings with good resistance against chemicals and oils.

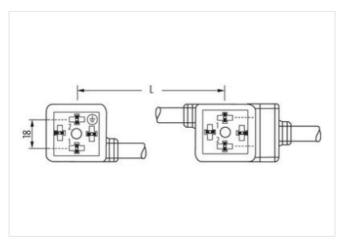
The resistance to aggressive media should be individually tested for your application. Further details on request.

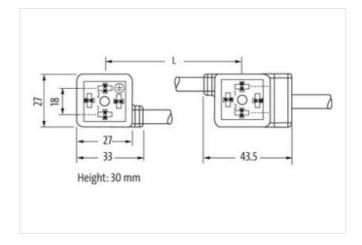
## **Link to Product**

## Illustration









Product may differ from Image

| Cable length      | 0,3 m  |
|-------------------|--------|
| Side 1            |        |
| Tightening torque | 0,4 Nm |
| Thread            | M3     |
| Material          | PBT    |



stay connected

| Tightening lorque 0.4 Nm Thread M5 Material PT Commercial data ECLASS 4.0 2779218 ECLASS 4.1 2779218 ECLASS 4.1 2779218 ECLASS 4.0 2790312 ECLASS  | Side 2                |               |
|--|-----------------------|---------------|
| Material   |                       |               |
| Material         PBT           Commercial data         Commercial data           ECLASS 6.0         27279218           ECLASS 6.1         22779218           ECLASS 7.0         27279218           ECLASS 8.0         27797818           ECLASS 8.0         27090312           ECLASS 1.1         27090312           ECLASS 1.2.0         27090312           ECLASS 1.1.1         27090312           ECLASS 1.2.0         27090312           ETIMAS.0         ECODISSS           Countering unit         1           Electrical data         COUNTY           Operating unit         1           Electrical data         United attains           Electrical data         United attains           Operating voltage AC         24 V           Operating voltage AC max         28 W           Operating voltage AC max         28 W           Operating voltage AC max         28 W           Operating voltage AC max         30 V           Cut-off peak voltage AC max         30 V           Operating voltage AC max         30 V           Cut-off peak voltage max         55 V           Operating voltage AC max         30 V           Cut-off  | <u> </u>              |               |
| Commercial data           ECLASS-8.0         27279218           ECLASS-8.1         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-8.0         27090312           ECLASS-8.1.1         27090312           ECLASS-1.1.1         27090312           ECLASS-1.2.0         27090312           ECLASS-1.2.0         1201955           cuctors tariff number         85444290           GTIN         4048879828778           Peachaging unit         1           Electrical data         24 Y           Operating vo   |                       |               |
| ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27279218 ECLASS-9.0 27090312 ECLASS-10.1 27090312 ECLASS-11.1 27090312 ECLASS-11.1 27090312 ECLASS-11.1 27090312 ECLASS-11.1 27090312 ETIM-5.0 ECO11855 ECLASS-11.1 4048879628778 ETIM-5.0 ECO11855 ECLASS-12.0 1 27090312 ETIM-5.0 ECLASS-12.0 ECLA | Material              | PBT           |
| ECLASS-6 1 2779218  ECLASS-7.0 2779218  ECLASS-9.0 27060312  ECLASS-11 27060312  ECLASS-11 27060312  ECLASS-11.1 27060312  ECLASS-12.0 27060312  ECLASS-11.1 27060312  ECLASS-12.0 27060312  ELECTAS-12.0 27060312  ELECTAS- | Commercial data       |               |
| ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060312           ECLASS-10.1         27060312           ECLASS-11.1         27060312           ECLASS-12.0         ED001825           CUSTASS-11.1         60001825           CUSTASS-12.0         ED001825           CUSTASS-12.0         20 ms           ESCOTION POLICY  | ECLASS-6.0            | 27279218      |
| ECLASS 8.0         27700312           ECLASS 9.0         27700312           ECLASS 9.1.1         27060312           ECLASS 9.1.1         27060312           ECLASS 12.0         27060312           ETIM 5.0         EC001855           customs rainf number         85444290           GTIN         404879628778           Packaging unit         1           Electrical data         Capacity CX           Capacity CX         20 ms           Electrical data   Supply           Operating voltage AC mx.         24 V           Operating voltage AC mm.         19.2 V           Operating voltage AC max.         28.8 V           Operating voltage DC max.         30 V           Operating voltage DC max.         30 V           Operating voltage DC max.         30 V           Cut off peak voltage max.         55 V           Cut off peak voltage max.         4 A           Cut off peak voltage pc contact max.         4 A           Cut off peak voltage pc pc potaction   Electrical         9           Degree of protection   Electrical         9           Period of protection   Electrical         9           Degree of protection   Electrical         9           Degree  | ECLASS-6.1            | 27279218      |
| ECLASS-9.0 27060312 ECLASS-10.1 27060312 ECLASS-11.1 27060312 ECLASS-12.0 ECONSTELL 27060312 ECLASS-12.0 ECCAS 27060 | ECLASS-7.0            | 27279218      |
| ECLASS-10.1         27060312           ECLASS-12.0         27060312           ETIM-5.0         ECO01855           customs tarff number         5544290           GTIN         4048679628778           Packaging unit         1           Electrical data         Electrical data           Gapacity CX         20 ms           Electrical data [supply         Percenting voltage AC           Operating voltage AC min.         19,2 V           Operating voltage AC min.         19,2 V           Operating voltage DC min.         18 V           Operating per contact max.         4 A           Current operating per contact max.         4 A           Current operating per contact max.         4 A           Current operating per protection [Flectrical           Device protection [Flectrical           Paivage protection [Flectrical           Device protection [Flectrical           Control (EN EC 60529)         A           Additional condition pro   | ECLASS-8.0            | 27279218      |
| ECLASS-1.1 1         27060312           ECLASS-12.0         27060312           ETIM-5.0         ECOI 1855           ouclorus bafff number         85444290           OTIN         404887928778           Packaging unit         1           Electrical data  | ECLASS-9.0            | 27060312      |
| ECLASS-12.0         27060312           ETIM-5.0         EC001885           customs tarff mumber         8544290           GTIN         4048879628778           Packaging unit         1           Electrical data         Electrical data           Opparating voltage AC         20 ms           Electrical data [Suppty         Deperating voltage AC ms.           Operating voltage AC min.         19.2 V           Operating voltage AC min.         19.2 V           Operating voltage DC min.         18 V           Operating voltage DC min.         18 V           Operating voltage DC max.         30 V           Cul-of lapak voltage max.         55 V           Current operating par contact max.         4 A           Current operating par contact max.         4 A           Diagnostice         Vellow           Device protection [Electrical         Vellow  | ECLASS-10.1           | 27060312      |
| ETIM-5.0         EC001855           customs saff number         85444290           GTIN         4048879628778           Packaging unit         1           Electrical data           Capacity CX           2 ms           Electrical data I Suppty           Certating voltage AC           24 V           Operating voltage AC min.         19.2 V           Operating voltage DC         24 V           Operating voltage DC min.         18 V           Operating voltage DC min.         18 V           Operating voltage DC max.         30 V           Cult-off pask voltage max.         55 V           Current operating per contact max.         4 A           Current operating per contact max.         15 mA           Diagnostics         Status indication LED           Verice protection [Electrical Placetrical   | ECLASS-11.1           | 27060312      |
| customs tariff number         85444290           GTIN         4048879628778           Packaging unit         1           Electrical data         Capacity CX         20 ms           Electrical data   Supply         V           Operating voltage AC min.         19,2 V           Operating voltage AC min.         19,2 V           Operating voltage AC max.         28,8 V           Operating voltage DC min.         18 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           Additional LED         yellow           Device protection [Electrical         Polica           Degree of protection (EN IEC 60529)         IP67           Additional condition protection degree         13           Rated surge voltage         0,8 kV           Meterial group (IEC 60664-1)         1           Additional surpressor         Di   | ECLASS-12.0           | 27060312      |
| GTIN         4048879628778           Packaging unit         1           Electrical data         Capacity CX         20 ms           Electrical data   Supply         V           Operating voltage AC         24 V         V           Operating voltage AC min.         19.2 V           Operating voltage DC         24 V         V           Operating voltage DC min.         18 V         V           Operating voltage DC min.         18 V         V           Operating voltage DC max.         30 V         V           Cut off peak voltage max.         5 V         V           Current consumption max.         15 mA         V           Diagnostics         Vellow         V           Device protection   Electrical         Vellow         V           Device protection   Electrical         V         V           Degree of protection   Electrical         V         V           Degree of protection   Electrical         V         V           Additional condition protection degree         3         Reted surge voltage         3 R           Reted surge voltage         0.8 kV         V           Material group (IEC 60684-1)         1         Additional suppressor         Diode, Z-Diode  | ETIM-5.0              | EC001855      |
| Packaging unit         I           Electrical data         20 ms           Electrical data   Supply         V           Operating voltage AC         24 V           Operating voltage AC min.         19.2 V           Operating voltage AC min.         19.2 V           Operating voltage DC min.         18 V           Operating voltage DC min.         18 V           Operating voltage DC min.         18 V           Operating voltage per contact max.         4 A           Current operating per contact max.         4 A           Status indication LED         yellow           Device protection   Electrical         yellow           Device protection   Electrical           P67           Additional conting protection degree         isserted, screwed           Pollution Degree         3           Rated surge voltage         0,8 kV           Material group (EC 50664-1)         1           Additional surpressor         Diode, Z-Diode           Mechanical data   Material data <t< td=""><td>customs tariff number</td><td>85444290</td></t<>  | customs tariff number | 85444290      |
| Electrical data   Supply           Electrical data   Supply           Ceparating voltage AC         24 V           Operating voltage AC max.         28.8 V           Operating voltage DC max.         28.9 V           Operating voltage DC max.         30 V           Operating voltage DC max.         30 V           Cul-off peak voltage max.         55 V           Current operating per contact max.         4 A           Current consumption max.         15 mA           Device protection (ED           Device protection (EN IEC 60529)         P67           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Readed surge voltage         0,8 kV           Material group (IEC 60664-1)         1           Additional suppressor         Diode, 2-Diode           Mechanical data         without           Mechanical data [Material data]         without           Mechanical data [Material data]         PUR           Locking material         Steel           Mechanical data [Mounting data]         PuR           Operating temperature min.         -25 °C           Operating temperature max.         -25 °C  | GTIN                  | 4048879628778 |
| Capacity CX         20 ms           Electrical data   Supply           Operating voltage AC         24 V           Operating voltage AC max.         28.8 V           Operating voltage DC max.         28.8 V           Operating voltage DC min.         18 V           Operating voltage DC min.         18 V           Operating voltage DC max.         30 V           Current operating per contact max.         4 A           Current operating per contact max.         4 A           Current operating per contact max.         4 A           Daiagnostics         Status indication LED         yellow           Device protection   Electrical         PB           Degree of protection (EN IEC 60529)         IP67           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Relact surge voltage         0,8 kV           Material group (IEC 60664-1)         1           Additional suppressor         biode, Z-Diode           Mechanical data   Material data           Coating looking         verzinkt           Coating looking         verzinkt           Coating looking         PUR           Locking material         Steel           Mechanica   | Packaging unit        | 1             |
| Electrical data   Supply         24 ∨           Operating voltage AC min.         19.2 ∨           Operating voltage AC min.         19.2 ∨           Operating voltage DC max.         28.8 ∨           Operating voltage DC min.         18 ∨           Operating voltage DC max.         30 ∨           Culcrif peak voltage max.         55 ∨           Current operating per contact max.         4 A           Current consumption max.         15 mA           Diagnostics         Vellow           Status indication LED         yellow           Device protection   Electrical         Verent operating per contact max.           Degree of protection (EN IEC 60529)         IP67           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         0.8 kV           Material group (IEC 60664-1)         I           Additional suppressor         Diode, Z-Diode           Mechanical data   Material data         Verzinkt           Coaling locking         verzinkt           Coaling locking         verzinkt           Mechanical data   Mounting data         Inserted, screwed           Mechanical data   Mounting data         inserted, screwed  | Electrical data       |               |
| Electrical data   Supply         24 ∨           Operating voltage AC min.         19.2 ∨           Operating voltage AC min.         19.2 ∨           Operating voltage DC max.         28.8 ∨           Operating voltage DC min.         18 ∨           Operating voltage DC max.         30 ∨           Culcrif peak voltage max.         55 ∨           Current operating per contact max.         4 A           Current consumption max.         15 mA           Diagnostics         Vellow           Status indication LED         yellow           Device protection   Electrical         Verent operating per contact max.           Degree of protection (EN IEC 60529)         IP67           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         0.8 kV           Material group (IEC 60664-1)         I           Additional suppressor         Diode, Z-Diode           Mechanical data   Material data         Verzinkt           Coaling locking         verzinkt           Coaling locking         verzinkt           Mechanical data   Mounting data         Inserted, screwed           Mechanical data   Mounting data         inserted, screwed  | Capacity CX           | 20 ms         |
| 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           Cutrent operating per contact max.         4 A           Current consumption max.         15 mA           Diagnostics           Status indication LED         yellow           Degree of protection [Electrical           Degree of protection [EN IEC 60529)         IP67           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         0,8 kV           Material group (IEC 60664-1)         I           Additional suppressor         Diode, 2-Diode           Mechanical data           Mechanical data [Material gasket           Color housing         black           Mechanical data [Mourting data           Mechanical data [Mourting data           Mechanical data [Mourting da   | <u> </u>              |               |
| 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           Device protection [Electrical           Degree of protection (EN IEC 60529)         IP67           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         0,8 kV           Material group (IEC 60664-1)         I           Additional suppressor         Diode, Z-Diode           Mechanical data           Mechanical data   Material data           Color housing         black           Mechanical data   Material gasket         PUR           Locking material         Steel           Mechanical data   Mounting data   |                       |               |

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-17



## stay connected

| 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  | 627   |
| Cable Type  | 2   |
| Printing color of wire insulation                                     | white (isolation black)   |
| Jacket Color  | black   |
| Type of Certificate   | cURus   |
| Amount stranding  | 1   |
| Stranding   | 4 wires twisted   |
| wire arrangement  | black 1, black 2, black 3, green-yellow   |
| Cable weigth  | 74,8 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)   | 6,5 mm  |
| Tolerance outer diameter (sheath)                                     | ± 5 %   |
| Material inner jacket   | PVC   |
| Color (inner jacket)  | black   |
| Material wire insulation  | PVC   |
| Amount wires  | 4   |
| Outer diameter insulation   | 1,8 mm  |
| Outer diameter tolerance core insulation                              | ± 5 %   |
| Shore hardness wire insulation  | 43 ± 5 Shore D  |
|   | lead-free, cadmium-free, CFC-free, silicone-free  |
| ngredient freeness wire insulation  Printing color of wire insulation | white (isolation black)   |
| Finding 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)   | 5 m @ 25 °C   horizontal  |
| 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 - acket)                      | 2 kV @ 60 s   |
| Min. operating temperature (static)                                   | -30 °C  |
| Max. operating temperature (fixed)                                    | 80 °C   |
| Operating temperature min. (dynamic)                                  | -5 ℃  |
| Operating temperature max. (dynamic)                                  | 80 °C   |
| JV resistance   | DIN EN ISO 4892-2 A   |
| Flame resistance  | UL 1581 § 1100 FT2   IEC 60332-2-2   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)  | 10 x Outer diameter   |
|   |   |