

## MSUD valve plug A-18mm with cable V4A

PUR 5x0.75 bk UL/CSA 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 ±25%

4-pole

LED (red/green)

Screw, Stainless Steel 1.4404 (V4A)

without cable sleeves

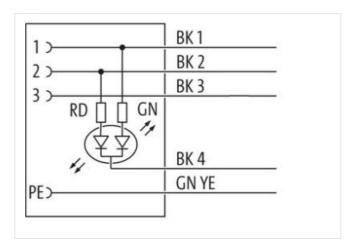
Further cable lengths on request.

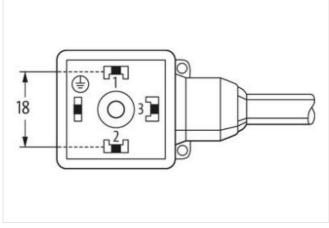
Plastic housings with good resistance against chemicals and oils.

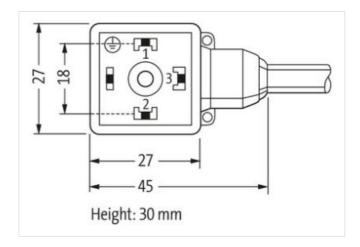
## **Link to Product**

## Illustration









Product may differ from Image





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Side 1
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           Commercial data         CCOMMERCIAL STANDARD
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           Commercial data         ECLASS-6.0           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-9.0         27060312           ECLASS-10.1         27060312           ECLASS-11.1         27060312           ECLASS-12.0         27060312           ECLASS-15.0         ECO01855           customs tariff number         85444290           GTIN         4048879110792           Packaging unit         1           Electrical data   Supply
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           Contact           Commercial data           ECLASS-6.0           ECLASS-7.0           ECLASS-7.0           ECLASS-8.0           ECLASS-9.0           ECLASS-9.0           ECLASS-9.0           ECLASS-10.1           ECLASS-11.1           ECLASS-11.1           ECLASS-12.0           ETIM-5.0           ECN01855           customs tariff number           B5444290           GTIN           4048879110792           Packaging unit         1           Electrical data   Supply
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           ECLASS-12.0         27060312           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879110792           Packaging unit         1           Electrical data   Supply
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         4048879110792           Packaging unit         1           Electrical data   Supply
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       4048879110792         Packaging unit       1         Electrical data   Supply
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Degree of protection (EN IEC 60529)   IP67
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         4048879110792           Packaging unit         1           Electrical data   Supply
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ECLASS-11.1       27060312         ECLASS-12.0       27060312         ETIM-5.0       EC001855         customs tariff number       85444290         GTIN       4048879110792         Packaging unit       1         Electrical data   Supply
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GTIN 4048879110792 Packaging unit 1  Electrical data   Supply
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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)
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 min25 °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.

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: 2024-05-10



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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.

-	endangered by excessive bending forces.
Installation   Cable	
STOOW style jacket	Signal
Cable identification	628
Cable Type	2
Printing color of wire insulation	white (isolation black)
Jacket Color	black
Type of Certificate	cURus
Amount stranding	1
Stranding	5 wires around Filler twisted
Filler	yes
wire arrangement	black 1, black 2, black 3, green-yellow, black 4
Traversing distance (C-track)	5 m @ 25 °C   horizontal
Cable weigth	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
Material wire insulation	PVC
Amount wires	4
Outer diameter insulation	1,8 mm
Outer diameter insulation  Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	43 ± 5 Shore D
	lead-free, cadmium-free, CFC-free, silicone-free
Ingredient freeness wire insulation	lead-free, cadmidit-free, of o-free, sincone-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
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	9 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
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
Travel speed (C-track)	2 Mio. @ 25 °C