

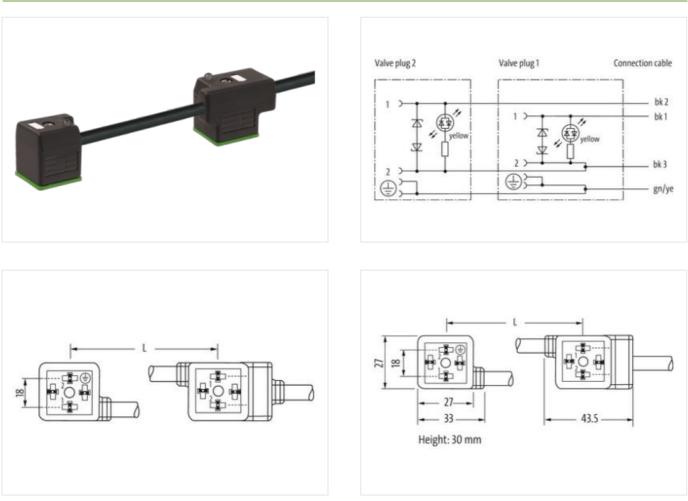
## MSUD double valve A-18mm with cable V4A

PVC 4x0.75 bk 3m

Form A (18 mm) 24 V AC ±20% / DC ±25% LED and suppression Connection cable L = 150 mm Stainless steel 1.4578 (V4A) 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

3 m

Side 1

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Thread         M3           Degree of protection (EN IEC 60529)         IP67           Side 2         Tightening torque         0.4 Nm           Thread         M3         Commercial data           ECLASS-6.0         27279218         ECLASS-7.0           ECLASS-8.0         27279218         ECLASS-8.0           ECLASS-9.0         27060311         ECLASS-9.0           ECLASS-11.1         27060312         ECLASS-11.1           ECLASS-12.0         27060312         ECLASS-12.0           ETIM-5.0         EC001855         customs tariff number           85444290         GTIN         4048879589666           Packaging unit         1         E           Electrical data         Supply         20 ms	
Side 2           Tightening torque         0,4 Nm           Thread         M3           Commercial data         ECLASS - 6.0           ECLASS - 6.0         27279218           ECLASS - 7.0         27279218           ECLASS - 8.0         27279218           ECLASS - 9.0         27060311           ECLASS - 1.1         27060312           ECLASS - 1.1         27060312           ECLASS - 2.0         27060312           ECLASS - 1.1         27060312           ECLASS - 1.2.0         27060312           Customs tariff number         85444290           GUIN         4048879589666           Packaging unit         1           Electrical data         Supply           Drop- out delay time max.         20 ms           Electrical data   Supply         Sup s	
Tightening torque         0,4 Nm           Thread         M3           commercial data           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         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         4048879589666           Packaging unit         1           Electrical data         S0 ms           Electrical data   Supply         20 ms	
Thread         M3           Commercial data         27279218           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         4048879589666           Packaging unit         1           Electrical data         Units           Drop-out delay time max.         20 ms	
Thread         M3           Commercial data         27279218           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         4048879589666           Packaging unit         1           Electrical data         20 ms           Drop-out delay time max.         20 ms	
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         EC01855           customs tariff number         85444290           GTIN         4048879589666           Packaging unit         1           Electrical data         20 ms           Electrical data   Supply         20 ms	
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         1           ECLASS-12.0         1           ECLASS-12.0         1           ECLASS-12.0         27060312           ECLASS-12.0         1           ECLASS-12.0         27060312           ECLASS-12.0         27060312           ECLASS-12.0         2001855           customs tariff number         85444290           GTIN         4048879589666           Packaging unit         1           Electrical data         20 ms           Electrical data   Supply         20 ms	
ECLASS-7.0       27279218         ECLASS-8.0       27060311         ECLASS-9.0       27060312         ECLASS-10.1       27060312         ECLASS-11.1       27060312         ECLASS-12.0       27060312         ETIM-5.0       EC001855         customs tariff number       85444290         GTIN       4048879589666         Packaging unit       1         Electrical data       S0 ms	
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       4048879589666         Packaging unit       1         Electrical data       20 ms	
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       4048879589666         Packaging unit       1         Electrical data       20 ms	
ECLASS-10.1       27060312         ECLASS-11.1       27060312         ECLASS-12.0       27060312         ETIM-5.0       EC001855         customs tariff number       85444290         GTIN       4048879589666         Packaging unit       1         Electrical data       20 ms         Electrical data   Supply       20 ms	
ECLASS-11.1       27060312         ECLASS-12.0       27060312         ETIM-5.0       EC001855         customs tariff number       85444290         GTIN       4048879589666         Packaging unit       1         Electrical data       20 ms         Drop-out delay time max.       20 ms	
ECLASS-12.027060312ETIM-5.0EC001855customs tariff number85444290GTIN4048879589666Packaging unit1Electrical data20 msDrop-out delay time max.20 ms	
ETIM-5.0EC001855customs tariff number85444290GTIN4048879589666Packaging unit1Electrical data20 msElectrical data   SupplySupply	
customs tariff number     85444290       GTIN     4048879589666       Packaging unit     1       Electrical data     20 ms       Electrical data   Supply     50 ms	
GTIN     4048879589666       Packaging unit     1       Electrical data     20 ms       Electrical data   Supply     50 ms	
Packaging unit     1       Electrical data     20 ms       Electrical data   Supply     50 ms	
Electrical data         Drop-out delay time max.       20 ms         Electrical data   Supply	
Drop-out delay time max. 20 ms Electrical data   Supply	
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	
Device protection   Electrical	
Degree of protection (ISO 20653:2013) IP66K	
Additional condition protection degree inserted, screwed	
Material group (IEC 60664-1)	
Mechanical data   Material data	
Color housing black	
Material housing Plastic	
Locking material Stainless steel 1.4578 (V4A)	
Environmental characteristics   Climatic	
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 tie	
Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class ca endangered by excessive bending forces.	n be
Installation   Cable	
wire arrangement black 1, black 2, black 3, green-yellow	
Cable identification 617	
Cable Type 1	
Printing color of wire insulation white (isolation black)	

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Jacket Color	black
Amount stranding	1
Stranding	4 wires twisted
wire arrangement	black 1, black 2, black 3, green-yellow
Cable weigth	77,66 g/m
Material jacket	PVC
Shore hardness jacket	80 ± 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 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
Material properties wire insulation	good machinability
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Printing color of wire insulation	white (isolation black)
Amount strands (wire)	24
Diameter of single wires	0,2 mm
Conductor crosssection (wire)	0,75 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
Max. rated voltage (conductor - conductor)	500 V
Max. rated voltage (conductor - ground)	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	9,6 A
Electrical resistance line constant wire	26 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	3 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	3 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	70 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	70 °C
UV resistance	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
Oil resistance	DIN EN 60811-404   Good, application-related testing
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter

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