

MSUD double valve A-18mm with cable

PVC 4x0.75 gy 10m

Art.No.: 7000-58001-2171000

Weight: 0.76

Country of origin: CZ

Model designation: MSKL3-216 110-KL3-217 10.0

Form A (18 mm) 24 V AC ±20% / DC ±25% LED and suppression Connection cable L = 110 mm Further cable lengths on request.

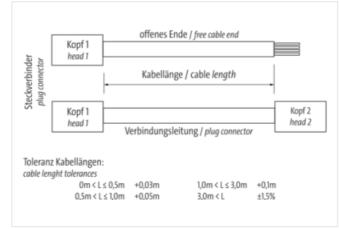
Plastic housings with good resistance against chemicals and oils.

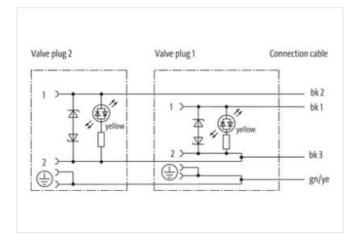
The resistance to aggressive media should be individually tested for your application. Further details on request.

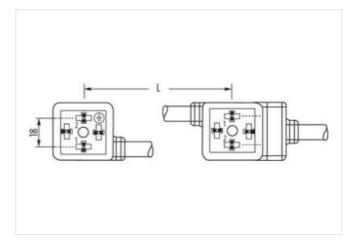
Link to Product

Illustration



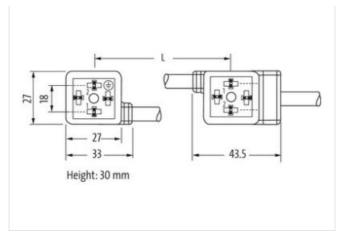








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Product may differ from Image



Side 1 Tightening torque 0.4 Nm Thread M3 Matorial PBT Side 2 Tightening torque Tightening torque 0.4 Nm Thread M3 Material PBT Commercial date ECLASS-6.0 ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27060312 ECLASS-9.0 27060312 ECLASS-10.1 27060312 ECLASS-11.1 27060312 ECLASS-12.0 27060312 ETIM-5.0 EC001855 customs tariff number 85444290 customs tariff number 85444290 EAN 4048879137904 EAN 4048879137904 EAN 4048879137904 Packaging unit 1 Electrical data Supplemental to the properties of	Cable length	10 m
Thread	Side 1	
Material PBT Side 2 Tightening torque 0,4 Nm Thread M3 Material PBT Commercial data ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060312 ECLASS-9.0 27060312 ECLASS-9.0 27060312 ECLASS-11.1 27060312 ECLASS-12.0 27060312 ECLASS-12.0 EC001855 customs tariff number 85444290 customs tariff number 85444290 customs tariff number 85444290 EAN 4048879137904 EAN 4048879137904 EAN 4048879137904 Packaging unit 1 Packaging unit 1 Flectrical data Supply Operating voltage AC min. 24 V Operating voltage AC min. 24 V Operating voltage AC min. 24 V	Tightening torque	0,4 Nm
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Operating voltage AC 24 V Operating voltage AC min. 19,2 V	Drop-out delay time max.	20 ms
Operating voltage AC min. 19,2 V	Electrical data Supply	
	Operating voltage AC	24 V
Operating voltage AC max. 28,8 V	Operating voltage AC min.	19,2 V
	Operating voltage AC max.	28,8 V



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Operating voltage DC	24 V
Operating voltage DC min.	18 V
Operating voltage DC min. Operating voltage DC max.	30 V
Cut-off peak voltage max.	55 V
Current operating per contact max.	4 A
Current consumption max.	12 mA
·	IZ IIIA
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 Material data	
Color housing	black
Coating locking	galvanized
Material gasket	PUR
Locking material	Steel
Mechanical data Mounting data	
Mounting method	inserted, screwed
Environmental characteristics Climatic	
Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
Important installation notes	
•	Potentile consistent has been been dealer and the second collection
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be
Note on bending radius	endangered by excessive bending forces.
Installation Cable	
wire arrangement	black 1, black 2, black 3, green-yellow
Cable identification	217
Cable Type	1
Printing color of wire insulation	white (isolation black)
Jacket Color	gray
Amount stranding	1
Stranding	4 wires twisted
wire arrangement	black 1, black 2, black 3, green-yellow
•	Slack 1, Slack 2, Slack 3, green yellow
Cable weigth	75,9 g/m
Cable weigth	75,9 g/m
Cable weigth Material jacket	75,9 g/m PVC
Cable weigth Material jacket Shore hardness jacket	75,9 g/m PVC 80 ± 5 Shore A
Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket)	75,9 g/m PVC 80 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free
Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket)	75,9 g/m PVC 80 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 6,5 mm
Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath)	75,9 g/m PVC 80 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 6,5 mm ± 5 %
Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation	75,9 g/m PVC 80 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 6,5 mm ± 5 % PVC
Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires	75,9 g/m PVC 80 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 6,5 mm ± 5 % PVC 4
Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation	75,9 g/m PVC 80 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 6,5 mm ± 5 % PVC 4 1,8 mm
Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation	75,9 g/m PVC 80 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 6,5 mm ± 5 % PVC 4 1,8 mm ± 5 %
Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation	75,9 g/m PVC 80 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 6,5 mm ± 5 % PVC 4 1,8 mm ± 5 % 43 ± 5 Shore D



Printing color of wire insulation	white (isolation black)
Amount strands (wire)	24
Diameter of single wires	0,2 mm
Conductor crosssection (wire)	0,75 mm²
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 ℃
Operating temperature max. (dynamic)	70 °C
Flame resistance	UL 1581 § 1090 IEC 60332-2-2 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