

**MSUD double valve A-18mm with cable**

PVC 4x0.75 bk 10m

Art.No.: 7000-58001-6171000

Weight: 0.626 kg

Country of origin: CZ

Model designation: MSKL3-616\_110-KL3-617\_10.0

Form A (18 mm)

 24 V AC  $\pm 20\%$  / DC  $\pm 25\%$ 

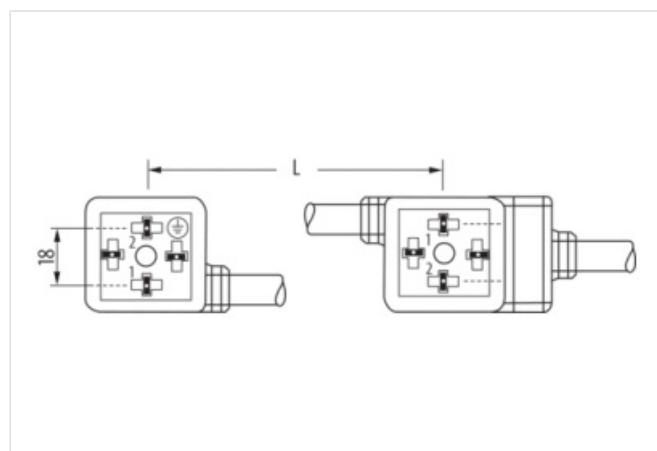
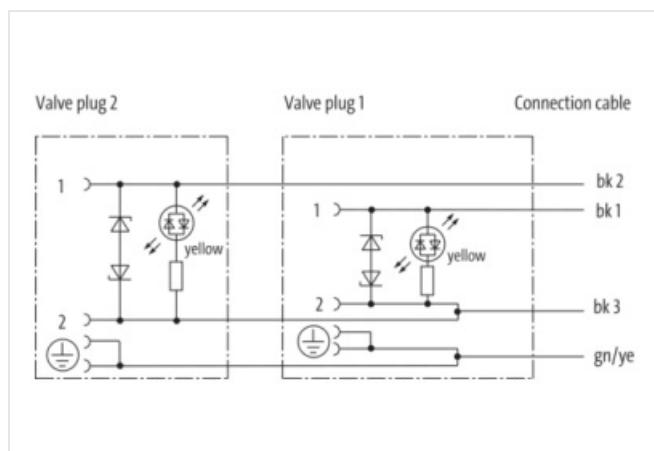
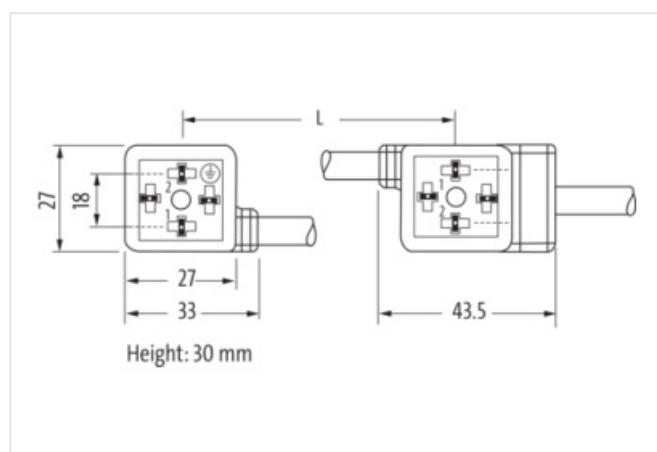
LED and suppression

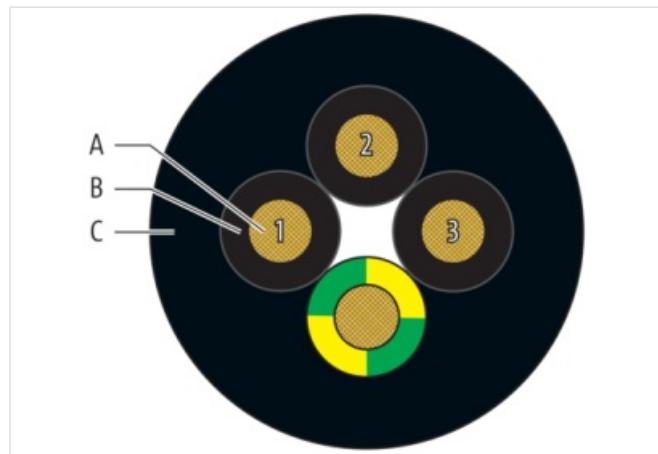
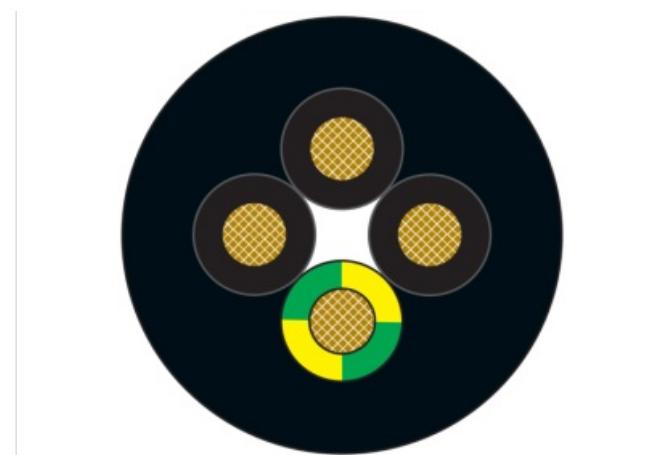
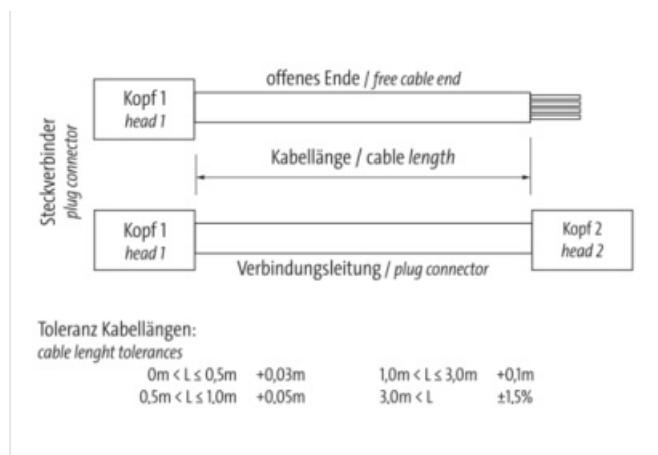
Connection cable L = 110 mm

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**




Product may differ from Image



#### Header

Material short text	MSKL3-616_110-KL3-617_10.0
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Cable length	10,00 m
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#### Side 1

Threaded hole	M3x31
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Tightening torque	0,4 Nm
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Material	PBT
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#### Side 2

Threaded hole	M3x31
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Tightening torque	0,4 Nm
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Material	PBT
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#### Commercial data

URL Webshop	<a href="https://shop.murrelektronik.com/7000-58001-6171000">https://shop.murrelektronik.com/7000-58001-6171000</a>
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GTIN	4048879137768
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ECLASS-6.0	27279218
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ECLASS-6.1	27279218
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ECLASS-7.0	27279218
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ECCLASS-7.1	27279218
ECCLASS-8.0	27279218
ECCLASS-8.1	27279218
ECCLASS-9.0	27060312
ECCLASS-9.1	27060312
ECCLASS-10.0.1	27060312
ECCLASS-10.1	27060312
ECCLASS-11.0	27060312
ECCLASS-11.1	27060312
ECCLASS-12.0	27060312
ECCLASS-13.0	27060312
ECCLASS-14.0	27060312
ETIM-5.0	EC001855
ETIM-6.0	EC001855
ETIM-7.0	EC001855
ETIM-8.0	EC001855
customs tariff number	85444290
EAN	4048879137768
Packaging unit	1
<b>Electrical data</b>	
Drop-out delay time max.	20 ms
<b>Electrical data   Supply</b>	
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
Current operating per contact max.	4 A
Cut-off peak voltage max.	55 V
Current consumption max.	12 mA
<b>Diagnostics</b>	
Status indication LED	yellow
<b>Device protection   Electrical</b>	
Degree of protection (EN IEC 60529)	IP67
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Additional suppressor	Diode, Z-Diode
Rated surge voltage	0,8 kV
Material group (IEC 60664-1)	I
<b>Mechanical data   Material data</b>	
Color housing	black
Locking material	Steel
Coating locking	galvanized
Material gasket	PUR
<b>Mechanical data   Mounting data</b>	
Mounting method	inserted, screwed
<b>Environmental characteristics   Climatic</b>	
Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality

**Important installation notes**

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.

Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.

**Installation | Cable**

Cable identification	617
Cable Type	1
Amount stranding	1
Stranding	4 wires stranded
Cable weight	70,6 g/m
Material wire insulation	PVC
Amount wires	4
Outer diameter insulation	1,8 mm
Outer diameter tolerance core insulation	± 0,1 mm
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
Outer-diameter (jacket)	6,5 mm
Tolerance outer diameter (sheath)	± 5 %
Material jacket	PVC
Shore hardness jacket	80 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Material property (jacket)	good machinability
Conductor resistance (wire)	26 Ω/km @ 20 °C
Max. rated voltage (conductor - ground)	300 V
Max. rated voltage (conductor - conductor)	500 V
Withstand voltage (wire - wire)	3 kV @ 60 s
Withstand voltage (wire - jacket)	3 kV @ 60 s
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity max. (wire)	9,6 A
Operating temperature min. (static)	-30 °C
Operating temperature max. (static)	70 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	70 °C
Oil resistance	good
Chemical resistance	good
Other resistances	good resistance to gasoline
Bending radius (fixed)	5 × Outer diameter
Bending radius (dynamic)	10 × Outer diameter