

**MSUD double valve BI-11mm with cable**

PVC 4x0.75 ye 5m

Art.No.: 7000-58101-0170500

Weight: 0.401 kg

Country of origin: CZ

Model designation: MSLL3-016\_100-LL3\_017\_5.0

Form BI (11 mm)

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

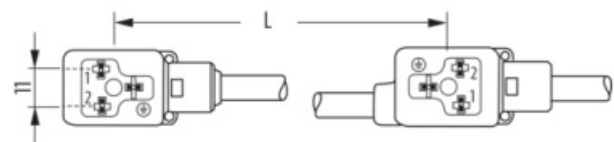
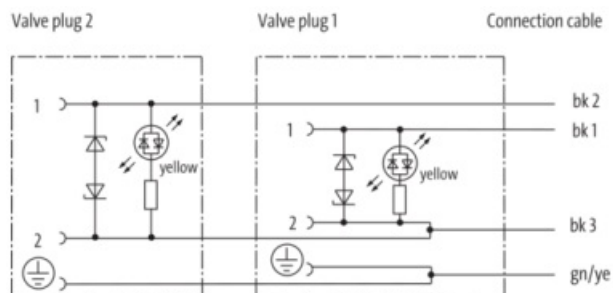
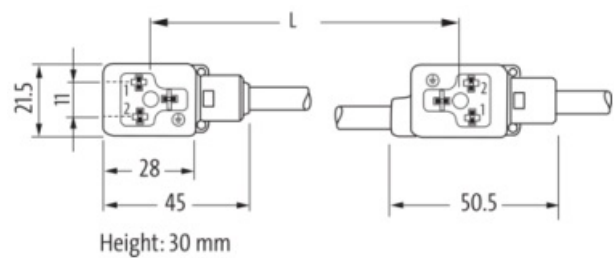
LED and suppression

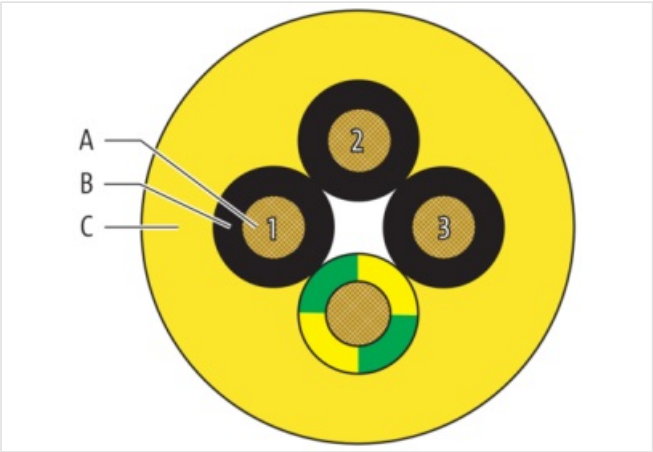
Connection cable L = 100 mm

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	MSLL3-016_100-LL3_017_5.0
Cable length	5,00 m
Side 1	
Threaded hole	M3x31
Tightening torque	0,4 Nm
Side 2	
Threaded hole	M3x31
Tightening torque	0,4 Nm
Commercial data	
URL Webshop	<a href="https://shop.murrelektronik.com/7000-58101-0170500">https://shop.murrelektronik.com/7000-58101-0170500</a>
GTIN	4065909097939
ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-7.0	27279218
ECLASS-7.1	27279218
ECLASS-8.0	27279218

ECLASS-8.1	27279218
ECLASS-9.0	27060312
ECLASS-10.0.1	27060312
ECLASS-10.1	27060312
ECLASS-11.0	27060312
ECLASS-11.1	27060312
ECLASS-12.0	27060312
ECLASS-13.0	27060312
ECLASS-14.0	27060312
customs tariff number	85444290
EAN	4065909097939
Packaging unit	1

#### Electrical data

Drop-out delay time max.	20 ms
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#### 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
Current operating per contact max.	4 A
Cut-off peak voltage max.	55 V
Current consumption max.	12 mA

#### Diagnostics

Status indication LED	yellow
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#### Device protection | Electrical

Degree of protection (EN IEC 60529)	IP67
Additional condition protection degree	inserted, screwed
Rated surge voltage	0,8 kV

#### Mechanical data | Material data

Material housing	Plastic
Color housing	black

#### Mechanical data | Mounting data

Mounting method	inserted, screwed
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#### Environmental characteristics | Climatic

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	<b>Attention:</b> 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	017
Cable Type	1
Amount stranding	1
Stranding	4 wires stranded
Cable weight	74 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	CFC-free, cadmium-free, silicone-free, lead-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)	CFC-free, cadmium-free, silicone-free, lead-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 min. wire	9,6 A
Min. operating temperature (static)	-30 °C
Max. operating temperature (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