

## MSUD double valve BI-11mm with cable

PUR 4x0.75 bk UL/CSA+drag ch. 3m

Form BI (11 mm) 24 V AC ±20% / DC ±25% LED and suppression Connection cable L = 200 mm without cable sleeves Further cable lengths on request.

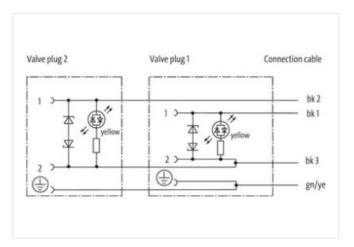
Plastic housings with good resistance against chemicals and oils.

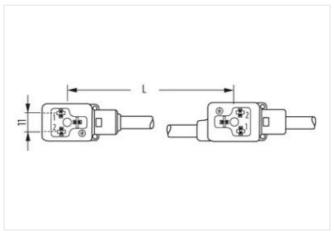
The resistance to aggressive media should be individually tested for your application. Further details on request.

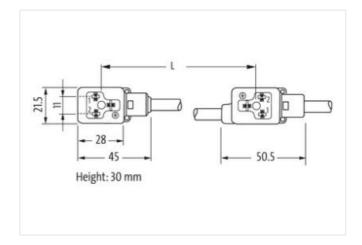
## **Link to Product**

## Illustration









Product may differ from Image



Cable length

3 m

Side 1



stay connected

Tightening torque	0,4 Nm
Thread	M3
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-10.1	27060312
ECLASS-11.1	27060312
ECLASS-12.0	27060312
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879136082
Packaging unit	1
Electrical data	
Capacity CX	20 ms
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
Current consumption max.	15 mA
Diagnostics	
Status indication LED	yellow
Device protection   Electrical	,
	ID07
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) Additional suppressor	Diode, Z-Diode
	Diode, Z-Diode
Mechanical data	
Contour for corrugated hose	without
Mechanical data   Material data	
Coating locking	verzinkt
Color housing	black
Material gasket	PUR
Locking material	Steel
Mechanical data   Mounting data	
Mounting method	inserted, screwed



stay connected

Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
Important installation notes	
lote on strain relief	Protect the connectors by suitable measures from mechanical leads, a g, by the usage of cable ties
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
lote on bending radius	endangered by excessive bending forces.
Installation   Cable	
Cable identification	637
Cable Type	3
rinting color of wire insulation	white (isolation black)
acket Color	black
ype of Certificate	cURus
mount stranding	1
Stranding	4 wires twisted
vire arrangement	black 1, black 2, black 3, green-yellow
raversing distance (C-track)	10 m @ 25 °C   horizontal
Cable weigth	69,3 g/m
laterial jacket	PUR
hore hardness jacket	90 ± 5 Shore A
reedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
uter-diameter (jacket)	6,5 mm
olerance outer diameter (sheath)	±5%
aterial wire insulation	PP
mount wires	4
uter diameter insulation	1.85 mm
uter diameter tolerance core insulation	±5%
nore hardness wire insulation	70 ± 5 Shore D
gredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
rinting color of wire insulation	white (isolation black)
mount strands (wire)	42
iameter of single wires	0,15 mm
conductor crosssection (wire)	0,75 mm <sup>2</sup>
laterial conductor wire	Stranded copper wire, bare
onductor type (wire)	strand class 6
ominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
urrent load capacity min. wire	9,6 A
ectrical resistance line constant wire	26 Ω/km @ 20 °C
C withstand voltage (wire - wire)	2,5 kV @ 60 s
ower frequency withstand voltage (wire - cket)	2,5 kV @ 60 s
lin. operating temperature (static)	-40 °C
ax. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
perating temperature min. (dynamic)	-25 °C
perating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
V resistance	DIN EN ISO 4892-2 A
lame resistance	UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090
nemical resistance	Good, application-related testing
Sasoline resistance	Good, application-related testing
pil resistance	DIN EN 60811-404   Good, application-related testing
ending radius (fixed)	5 x Outer diameter



Travel speed (C-track)	10 Mio. @ 25 °C	
No. of torsion cycles	2 Mio.	
Torsion stress	± 180 °/m	
Torsion speed	35 cycles/min	