

MSUD valve plug BI-11mm with cable

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

Art.No.: 7000-11041-2360300

Weight: 0.187 Country of origin: CZ

Model designation: MSUDK-IB3Z-236 3.0

MSUD

Form BI (11 mm) 110 V AC/DC ±10% LED and suppression without cable sleeves

Further cable lengths on request.

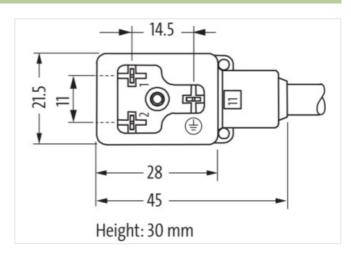
Plastic housings with good resistance against chemicals and oils.

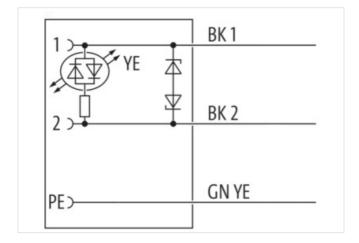
The resistance to aggressive media should be individually tested for your application. Further details on request.

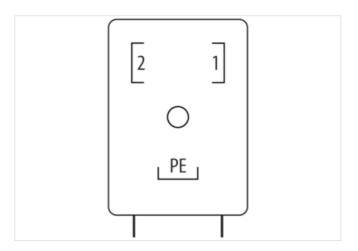
Link to Product

Illustration

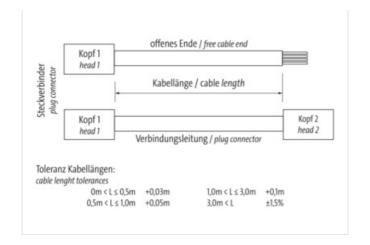




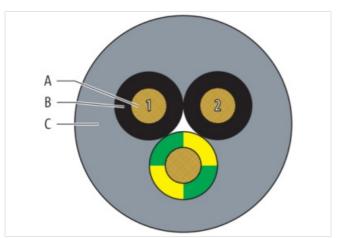












Product may differ from Image













Header	
Material short text	MSUDK-IB3Z-236_3.0
Cable length	3,00 m
Side 1	
Family construction form	MSUD BI
No. of poles	3
Mounting method	inserted, screwed
Thread	M3x31
Tightening torque	0.4 Nm
Material	PBT
Material contact	Copper alloy
Coating contact	silver-plated
Degree of protection (EN IEC 60529)	IP67
Side 2	
Coating contact	silver-plated
Commercial data	
URL Webshop	https://shop.murrelektronik.com/7000-11041-2360300
GTIN	4048879221115



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-9.1	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
ETIM-5.0	EC001855
ETIM-6.0	EC001855
ETIM-7.0	EC001855
ETIM-8.0	EC001855
customs tariff number	85444290
EAN	4048879221115
Packaging unit	1
Electrical data	
Drop-out delay time max.	20 ms
Electrical data Supply	
Operating voltage AC	110 V
Operating voltage AC min.	99 V
Operating voltage AC max.	121 V
Operating voltage DC	110 V
Operating voltage DC min.	99 V
Operating voltage DC max.	121 V
Current operating per contact max.	4 A
Cut-off peak voltage max.	270 V
Current consumption max.	8 mA
Diagnostics	
Status indication LED	yellow
Installation Connection	
Mounting set	M3x31
Device protection Electrical	
	incorted coround
Additional condition protection degree	inserted, screwed 3
Pollution Degree Additional suppressor	Diode, Z-Diode
Rated surge voltage	2.5 kV
Material group (IEC 60664-1)	2.3 NV
Mechanical data	
	without
Contour for corrugated hose	without
Mechanical data Material data	
Color housing	black
Material screw connection	Steel
Coating of fitting	galvanized
Locking material	Steel
·	

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2025-11-02



Coating locking	galvanized
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	
•	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.
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	236
Cable Type	3
Amount stranding	1
Stranding	3 wires stranded
Wire arrangement	black 1, black 2, green-yellow
Cable weigth	51 g/m
Material wire insulation	PP
Amount wires	3
Outer diameter insulation	1.85 mm
Outer diameter tolerance core insulation	± 0.1 mm
Shore hardness wire insulation	70 5 Shore D
ngredient freeness wire insulation	CFC-free, cadmium-free, silicone-free, halogen-free, lead-free
Printing color of wire insulation	white (isolation black)
Amount strands (wire)	42
Diameter of single wires	0.15 mm
Conductor crosssection (wire)	0.75 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Outer-diameter (jacket)	5.9 mm
Tolerance outer diameter (sheath)	± 5 %
Material jacket	PUR
Shore hardness jacket	90 5 Shore A
Freedom from ingredients (jacket)	CFC-free, cadmium-free, silicone-free, halogen-free, lead-free
Material property (jacket)	matte, good machinability, abrasion-resistant, low adhesion
Conductor resistance (wire)	26 Ω/km @ 20 °C
Nominal voltage AC max.	300 V
Withstand voltage (wire - wire)	
Withstand voltage (wire - wire) Withstand voltage (wire - jacket)	2.5 kV @ 60 s 2.5 kV @ 60 s
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity (standard)	12 A
Min. operating temperature (static)	-40 °C
Max. operating temperature (static)	80 °C / 90 °C @ 10000 h Operation
	-25 °C
Operating temperature min. (dynamic) Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
	-25 °C
Operating temperature min. (drag chain)	
Operating temperature max. (drag chain)	80 °C / 90 °C @ 10000 h Operation
Flame resistance	UL 1581 § 1090, CSA FT2, IEC 60332-2-2
Oil resistance	IEC 60811-404
Chemical resistance	good
Other resistances	good resistance to gasoline, resistant to hydrolysis, resistant to microbes
Bending radius (fixed)	5 × Outer diameter



Bending radius (dynamic)	10 × Outer diameter
No. of bending cycles (C-track)	10 Mio. @ 25 °C
Traversing distance (C-track)	10 m @ 25 °C horizontal
Travel speed (C-track)	3 m/s @ 25 °C
Acceleration (C-track)	10 m/s² @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	180 °/m
Torsion speed	35 cycles/min