

## MSUD valve plug CI-9.4mm with cable

PUR 3x0.75 gy UL/CSA+drag ch. 5m

Art.No.: 7000-94041-2360500

Weight: 0.273 kg Country of origin: CZ

Model designation: MSUDK-QB3Z-236 5.0

MSUD Form CI (9.4 mm) 110 V AC/DC ±10% LED and suppression

Further cable lengths on request.

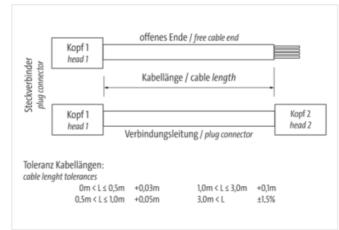
Plastic housings with good resistance against chemicals and oils.

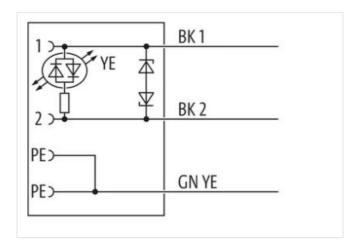
The resistance to aggressive media should be individually tested for your application. Further details on request.

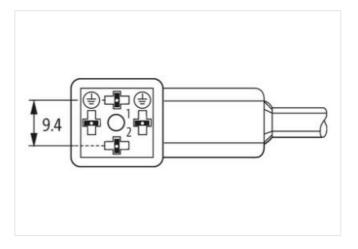
## **Link to Product**

## Illustration



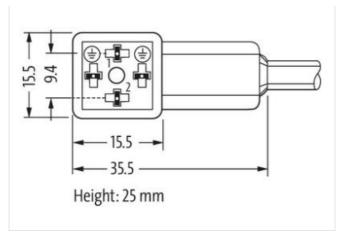








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Product may differ from Image



Side 1           Tightening torque         0,4 Nm           Thread         M3           Commercial data           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         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         4048879659093           Packaging unit         1           Electrical data         Drop-out delay time max.           Drop-out delay time max.         20 ms           Electrical data   Supply           Operating voltage AC min.         99 V           Operating voltage AC min.         99 V           Operating voltage DC min.		
Tightening torque 0,4 Nm Thread M3  Commercial data  ECLASS-6.0 27279218  ECLASS-7.0 27279218  ECLASS-9.0 27060311  ECLASS-9.0 27060312  ECLASS-1.1 27060312  ECLASS-1.1 27060312  ECLASS-1.1 27060312  ECLASS-1.0 27060312  ECLASS-1.1 27060312  ECLASS-1.1 27060312  ECLASS-1.1 27060312  ECLASS-1.1 1 2000185  customs tariff number 85444290  customs tariff number 85444290  EAN 4048879659093  EAN 4048879659093  Packaging unit 1  Electrical data   Supply  Depracting voltage AC min. 99 V  Operating voltage AC min. 90 V  Operating voltage AC min.	Cable length	5 m
Commercial data	Side 1	
Commercial data           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060312           ECLASS-11.1         27060312           ECLASS-12.0         27060312           ETIM-5.0         EC001855           customs tariff number         85444290           EAN         404887965903           EAN         404887965903           Packaging unit         1           Packaging unit         1           Drop-out delay time max.         20 ms           Electrical data         Supply           Operating voltage AC         110 V           Operating voltage AC min.         99 V           Operating voltage DC min.         99 V           Operating volt	Tightening torque	0,4 Nm
ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-1.1 27060312 ECLASS-1.1 27060312 ECLASS-1.1 27060312 ECLASS-1.2.0 27060312 ETIM-5.0 ECON855 customs tariff number 85444290 customs tariff number 85444290 EAN 4048879659093 EAN 4048879659093 EAN 4048879659093 EAN 4048879659093 EAN 4048879659093 EAN 50060000000000000000000000000000000000	Thread	M3
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ECLASS-8.0 27279218  ECLASS-9.0 27060311  ECLASS-10.1 27060312  ECLASS-11.1 27060312  ECLASS-12.0 27060312  ECLASS-12.0 ECON855  customs tariff number 8544290  EAN 4048879659093  EAN 4048879659093  EAN 4048879659093  EAN 4048879659093  Packaging unit 1  Electrical data  Drop-out delay time max. 20 ms  Electrical data   Supply  Operating voltage AC min. 99 V  Operating voltage AC max. 121 V  Operating voltage DC min. 99 V  Operating voltage DC min. 99 V  Operating voltage DC max. 121 V  Cut-off peak voltage max. 250 V  Current operating per contact max. 4 A	ECLASS-6.0	27279218
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ECLASS-11.1 27060312  ECLASS-12.0 27060312  ETIM-5.0 EC001855  customs tariff number 85444290  customs tariff number 85444290  EAN 4048879659093  EAN 4048879659093  Packaging unit 1  Packaging unit 1  Electrical data  Drop-out delay time max. 20 ms  Electrical data   Supply  Operating voltage AC ini. 99 V  Operating voltage AC max. 121 V  Operating voltage DC min. 99 V  Operating voltage DC min. 99 V  Operating voltage DC min. 99 V  Operating voltage DC max. 121 V  Cut-off peak voltage max. 250 V  Current operating per contact max. 4 A	ECLASS-9.0	27060311
ECLASS-12.0 27060312  ETIM-5.0 EC001855 customs tariff number 85444290 customs tariff number 85444290  EAN 4048879659093  EAN 4048879659093  Packaging unit 1  Packaging unit 1  Electrical data  Drop-out delay time max. 20 ms  Electrical data   Supply  Operating voltage AC ini. 99 V  Operating voltage AC max. 121 V  Operating voltage DC min. 99 V  Operating voltage DC min. 99 V  Operating voltage DC max. 121 V  Operating voltage max. 250 V  Current operating per contact max. 4 A	ECLASS-10.1	27060312
ECIM-5.0 EC001855 customs tariff number 85444290 customs tariff number 85444290 EAN 4048879659093 EAN 4048879659093 Packaging unit 1 Packaging unit 1 Packaging unit 1 Packaging unit 2 Packaging unit 1 Pop-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 min. 99 V  Operating voltage DC max. 121 V  Cut-off peak voltage max. 250 V  Current operating per contact max. 4 A	ECLASS-11.1	27060312
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EAN 4048879659093  EAN 4048879659093  EAN 4048879659093  Packaging unit 1  Packaging unit 1  Electrical data  Drop-out delay time max. 20 ms  Electrical data   Supply  Operating voltage AC in 10 V  Operating voltage AC max. 121 V  Operating voltage DC in 10 V  Operating voltage DC min. 99 V  Operating voltage DC max. 121 V  Operating voltage max. 250 V  Current operating per contact max. 4 A	ETIM-5.0	EC001855
EAN 4048879659093  EAN 4048879659093  Packaging unit 1  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  Operating voltage pC max. 121 V  Operating voltage pC max. 121 V  Out-off peak voltage max. 250 V  Current operating per contact max. 4 A	customs tariff number	85444290
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Packaging unit 1  Fackaging 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 121 V  Operating voltage DC 121 V  Operating voltage DC 121 V  Operating voltage DC min. 99 V  Operating voltage DC max. 121 V  Operating voltage pc max. 121 V  Operating voltage pc max. 121 V	EAN	4048879659093
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Drop-out delay time max.  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 min. 99 V  Operating voltage DC max. 121 V  Cut-off peak voltage max. 250 V  Current operating per contact max. 4 A	Packaging unit	1
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Operating voltage DC min. 99 V Operating voltage DC max. 121 V Cut-off peak voltage max. 250 V Current operating per contact max. 4 A	Operating voltage AC max.	121 V
Operating voltage DC max. 121 V Cut-off peak voltage max. 250 V Current operating per contact max. 4 A	Operating voltage DC	110 V
Cut-off peak voltage max. 250 V Current operating per contact max. 4 A	Operating voltage DC min.	99 V
Current operating per contact max. 4 A	Operating voltage DC max.	121 V
	Cut-off peak voltage max.	250 V
Device protection   Electrical	Current operating per contact max.	4 A
	Device protection   Electrical	



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Degree of protection (EN IEC 60529)	IP67
	translated assessed
Additional condition protection degree	inserted, screwed 2,5 kV
Rated surge voltage	2,5 KV
Mechanical data   Material data	
Material housing	Plastic
Color housing	black
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
, ,	acportaing on babic quality
Important installation notes	
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
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.
Installation   Cable	
wire arrangement	black 1, black 2, green-yellow
Cable identification	236
Cable Type	3
Printing color of wire insulation	white (isolation black)
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	1
Stranding	3 wires twisted
wire arrangement	black 1, black 2, green-yellow
Cable weigth	56,1 g/m
Material jacket	PUR
Shore hardness jacket	90 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	5,9 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PP
Amount wires	3
Outer diameter insulation	1,85 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	70 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-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 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	12 A
Electrical resistance line constant wire	26 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2,5 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2,5 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation

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: 2025-12-07



Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
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
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
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min