

**MSUD valve plug CI-9.4mm with cable**

PVC 3x0.75 bk 5m

Art.No.: 7000-94061-6160500

Weight: 0.298 kg

Country of origin: CZ

Model designation: MSUDK-QB5K-616\_5.0

MSUD

Form CI (9.4 mm)

0...230 V AC/DC

without components

3-pole

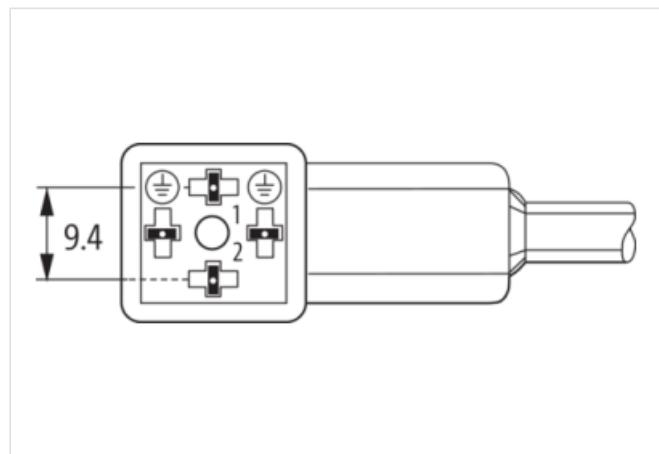
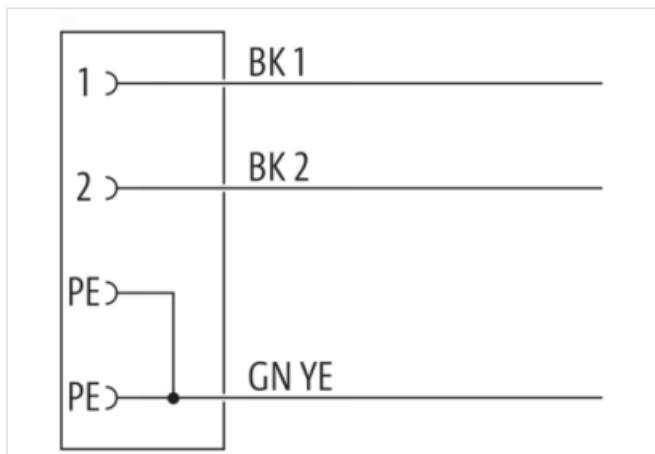
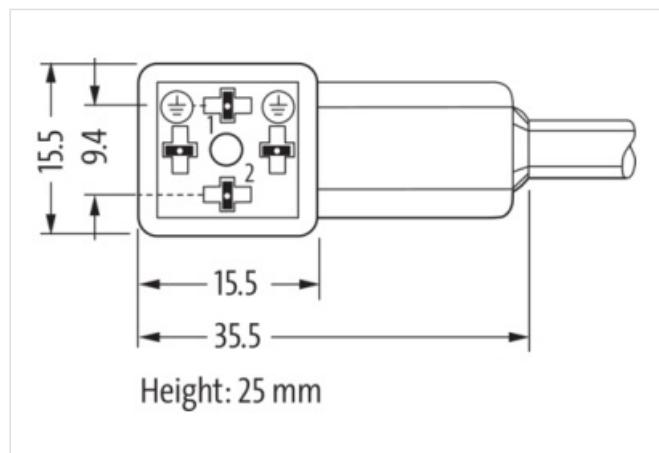
Bridged PE

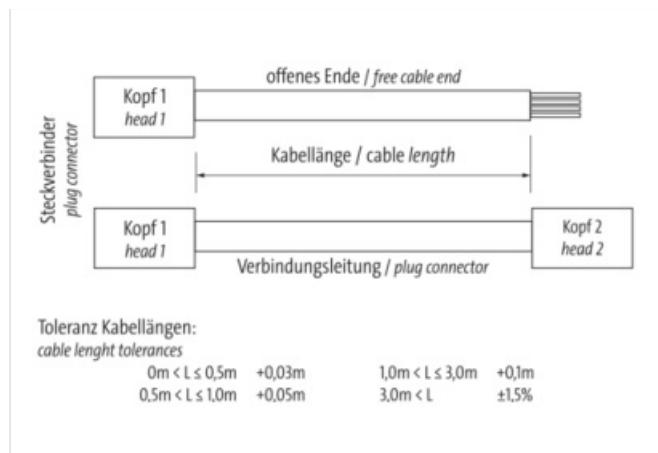
without cable sleeves

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-QB5K-616_5.0
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Cable length	5,00 m
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#### Side 1

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

URL Webshop	<a href="https://shop.murrelektronik.com/7000-94061-6160500">https://shop.murrelektronik.com/7000-94061-6160500</a>
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GTIN	4048879114523
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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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ECLASS-7.1	27279218
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ECLASS-8.0	27279218
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ECLASS-8.1	27279218
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ECLASS-9.0	27060312
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ECLASS-9.1	27060312
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ECLASS-10.0.1	27060312
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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	4048879114523
Packaging unit	1

#### Electrical data | Supply

Operating voltage AC max.	230 V
Operating voltage DC max.	230 V
Current operating per contact max.	6 A

#### Device protection | Electrical

Degree of protection (EN IEC 60529)	IP67
Additional condition protection degree	inserted, screwed
Pollution Degree	2
Rated surge voltage	2,5 kV
Material group (IEC 60664-1)	II

#### Mechanical data

Contour for corrugated hose	without
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#### Mechanical data | Material data

Material housing	PBT
Color housing	black
Locking material	Steel
Coating locking	galvanized
Material gasket	PUR

#### 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.
Note on mounting	The valve plug may only be plugged in or unplugged when the power is off!

#### Installation | Cable

Cable identification	616
Cable Type	1
Amount stranding	1
Stranding	3 wires stranded
Cable weight	56 g/m
Material wire insulation	PVC
Amount wires	3
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)	5,9 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)	12 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