

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

PVC 3x0.75 ye 5m

Art.No.: 7000-94061-0160500

Weight: 0.308 kg

Country of origin: CZ

Model designation: MSUDK-QB5K-016\_5.0

MSUD

Form CI (9.4 mm)

0...230 V AC/DC

without components

3-pole

Bridged PE

without cable sleeves

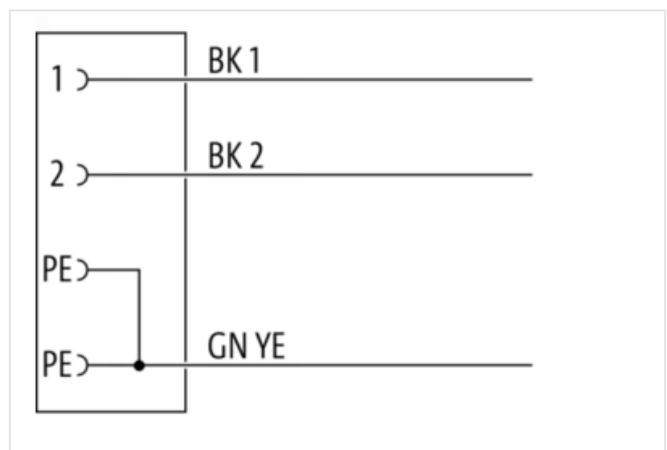
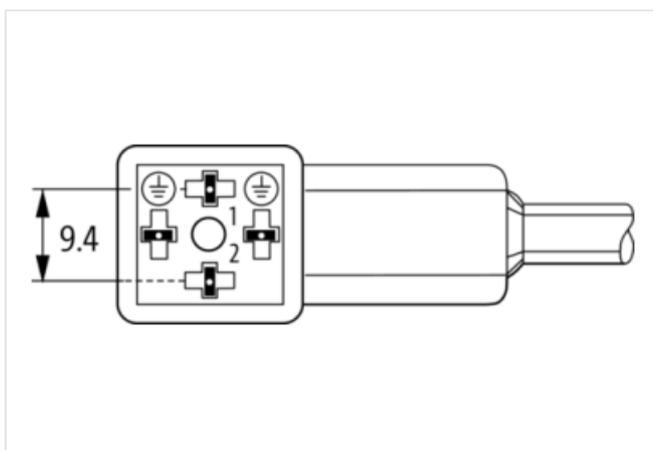
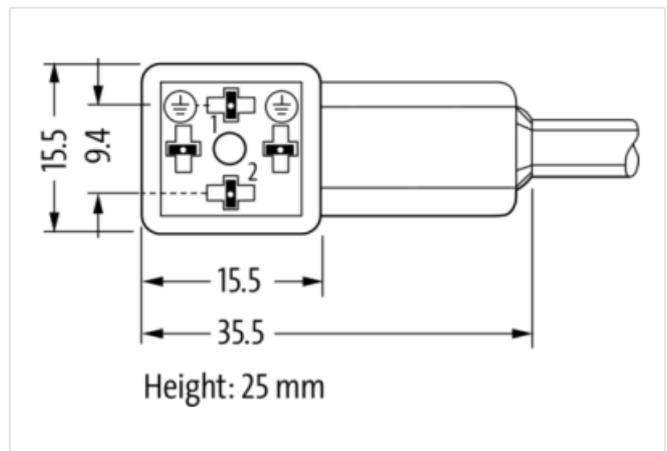
Further cable lengths on request.

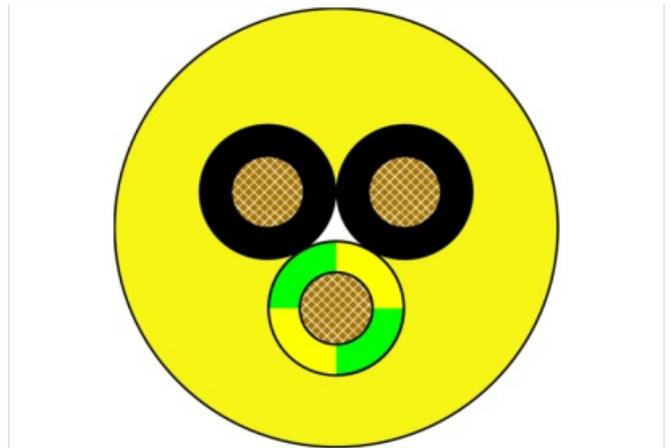
Plastic housings with good resistance against chemicals and oils.

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



Cable length	5,00 m
<b>Side 1</b>	
Threaded hole	M3x31
Tightening torque	0,4 Nm
<b>Commercial data</b>	
URL Webshop	<a href="https://shop.murrelektronik.com/7000-94061-0160500">https://shop.murrelektronik.com/7000-94061-0160500</a>
GTIN	4048879414203
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	4048879414203
Packaging unit	1
<b>Electrical data   Supply</b>	
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

#### Mechanical data | Material data

housing	PBT
Color housing	black
Locking material	Steel
Coating locking	galvanized
Gasket	PUR

#### 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

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	016
Cable Type	1
Stranding	1 × 3 wires stranded
Wire arrangement	black 1, black 2, green-yellow
Cable weight	58 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
Conductor crosssection (wire)	0,75 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Amount strands (wire)	24
Diameter of single wires	0,2 mm
Printing color of wire insulation	white (isolation black)
Material properties wire insulation	good machinability
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
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 max. (wire)	12 A
Current load capacity (standard)	to DIN VDE 0298-4
Operating temperature min. (static)	-30 °C
Operating temperature (static)	70 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature (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