

**MSUD valve plug A-18mm with cable V4A**

PUR 5x0.75 bk UL/CSA 0.5m

Art.No.: 7004-18121-6280050

Weight: 0.077 kg

Country of origin: CZ

Model designation: MSUES-EB7B-628\_0.5-S04

MSUD

Form A (18 mm)

 24 V DC  $\pm 25\%$ 

4-pole

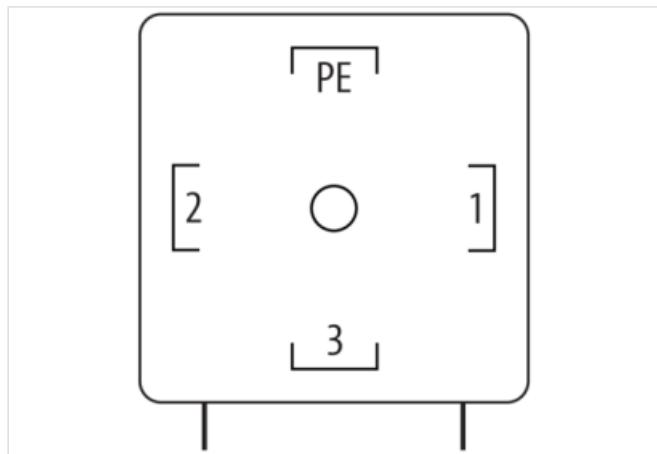
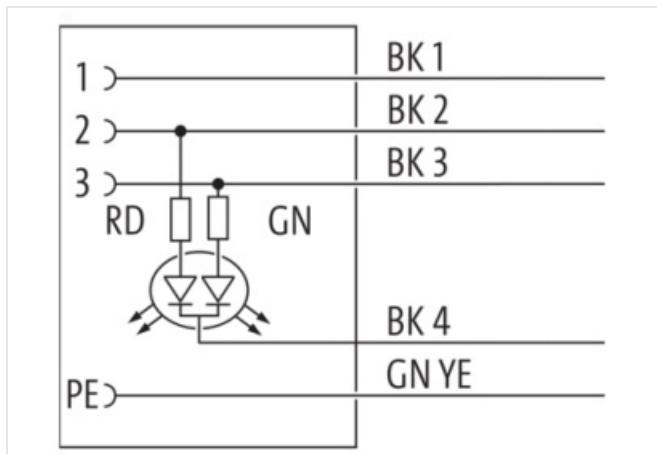
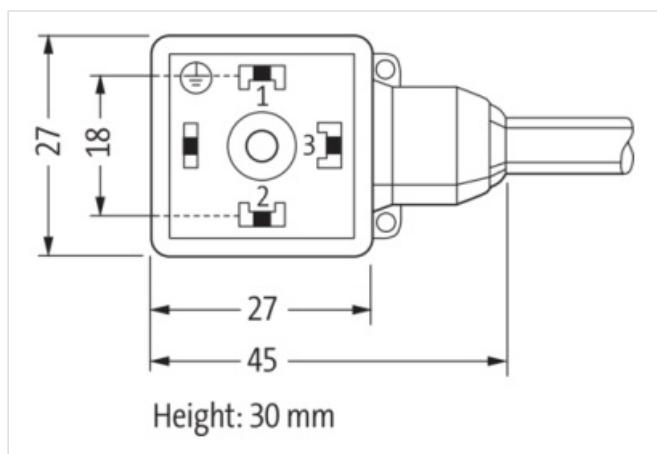
LED (red/green)

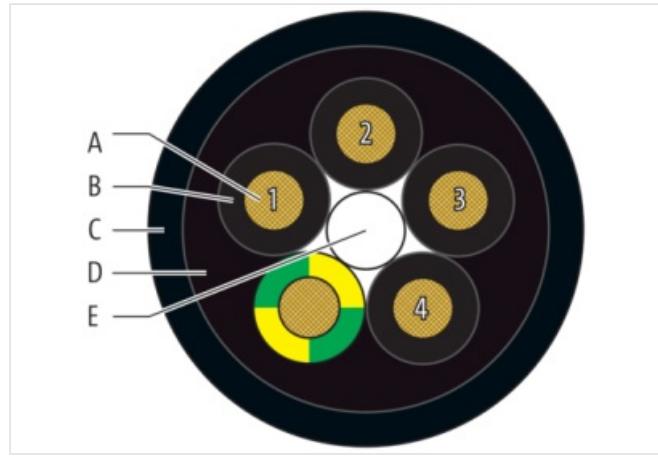
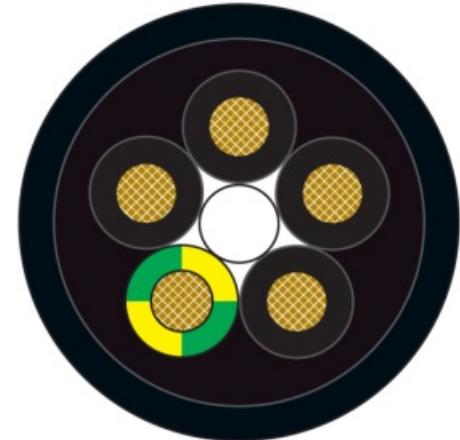
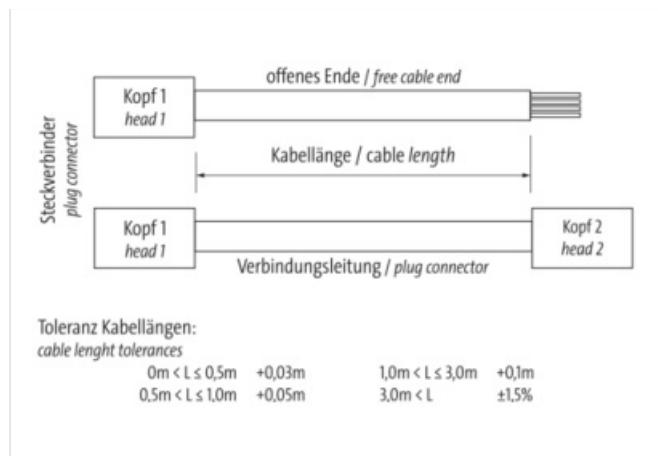
Screw, Stainless Steel 1.4404 (V4A)

without cable sleeves

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	MSUES-EB7B-628_0.5-S04
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Cable length	0,50 m
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#### Side 1

Family construction form	Valve connector form A
No. of poles	4
Mounting method	inserted, screwed
Threaded hole	M3x31
Tightening torque	0,4 Nm
Material contact	Copper alloy
Coating contact	silver-plated
Degree of protection (EN IEC 60529)	IP67

#### Side 2

Coating contact	silver-plated
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#### Commercial data

URL Webshop	<a href="https://shop.murrelektronik.com/7004-18121-6280050">https://shop.murrelektronik.com/7004-18121-6280050</a>
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GTIN	4048879451512
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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	4048879451512
Packaging unit	1

#### Electrical data | Supply

Operating voltage DC	24 V
Operating voltage DC min.	18 V
Operating voltage DC max.	30 V
Current operating per contact max.	4 A
Current consumption max.	15 mA

#### Diagnostics

Status indication LED	green, red
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#### Device protection | Electrical

Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	0,8 kV
Material group (IEC 60664-1)	I

#### Mechanical data

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

Material housing	PBT
Color housing	black
Locking material	Stainless steel 1.4404 (V4A)
Material gasket	PUR

#### 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.

#### Installation | Cable

Cable identification	628
Cable Type	2
Amount stranding	1
Stranding	1 x 5 wires around core filler twisted
Filler	Yes
Cable weight	84 g/m
Material wire insulation	PVC
Amount wires	5
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)	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
Outer-diameter (jacket)	7 mm
Tolerance outer diameter (sheath)	± 5 %
Material jacket	PUR
Shore hardness jacket	85 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Material property (jacket)	abrasion-resistant, low adhesion, good machinability, matte
Material inner jacket	PVC
Color (inner jacket)	black
Conductor resistance (wire)	26 Ω/km @ 20 °C
Nominal voltage max.	300 V
Withstand voltage (wire - wire)	2 kV @ 60 s
Withstand voltage (wire - jacket)	2 kV @ 60 s
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity max. (wire)	9 A
Operating temperature min. (static)	-30 °C
Operating temperature max. (static)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	80 °C
Operating temperature min. (drag chain)	-5 °C
Operating temperature max. (drag chain)	80 °C
Oil resistance	good
Chemical resistance	good
Other resistances	good resistance to gasoline, resistant to hydrolysis, resistant to microbes
Bending radius (fixed)	10 x Outer diameter
Bending radius (dynamic)	15 x Outer diameter
No. of bending cycles (C-track)	2 Mio. @ 25 °C
Traversing distance (C-track)	5 m @ 25 °C
Travel speed (C-track)	3.3 m/s @ 25 °C
Acceleration (C-track)	5 m/s <sup>2</sup> @ 25 °C