

MSUD valve plug A-18mm with cable V4A

PUR 4x0.75 gy UL/CSA+drag ch. 10m

Art.No.: 7074-18111-2371000

Weight: 0.520 kg

Country of origin: CZ

Model designation: MSUDK-EB5K-237_10.0-S74

MSUD

Form A (18 mm)

0...230 V AC/DC

without components

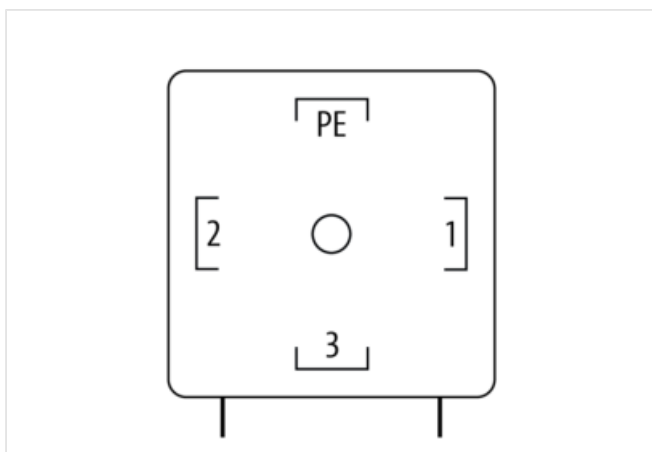
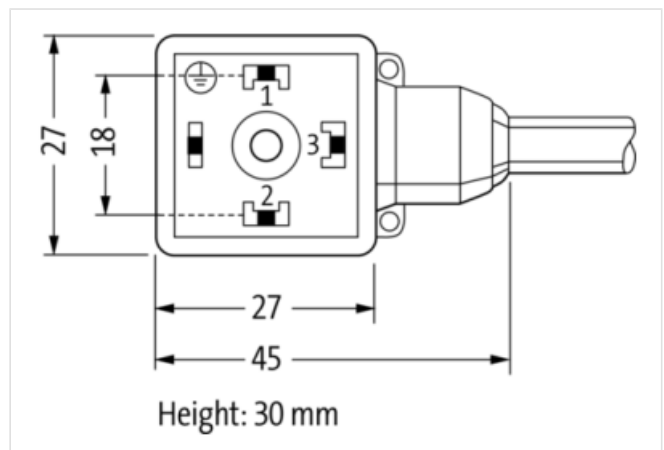
PE opposite cable entry (0°)

Screw, Stainless Steel 1.4578 (V4A)

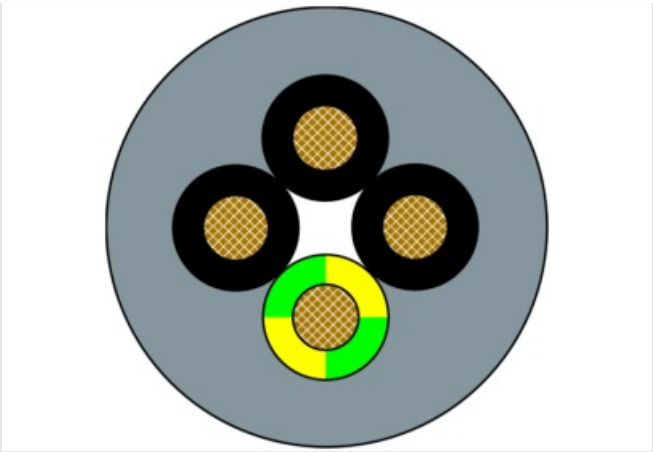
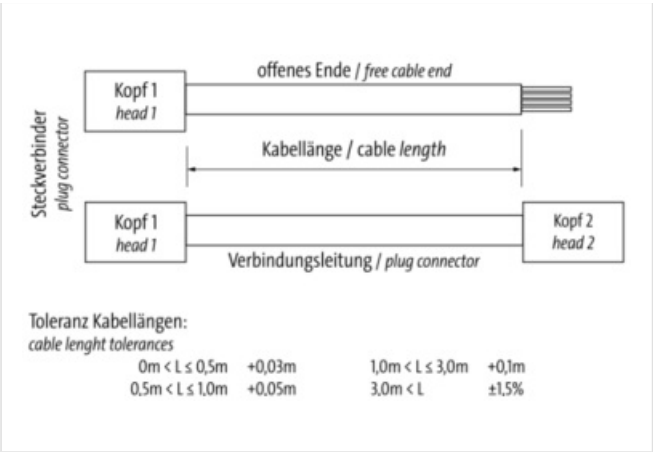
Plastic housings with good resistance against chemicals and oils.

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

Further cable lengths on request.

[Link to Product](#)**Illustration**

1	BK 1
2	BK 2
3	BK 3
PE	GN YE



Product may differ from Image



Side 1	
Family construction form	Valve connector form A
No. of poles	4
Gender	female
Mounting method	inserted, screwed
Threaded hole	M3x31
Tightening torque	0,4 Nm
Material	PBT
Degree of protection (EN IEC 60529)	IP67
Side 2	
Stripping length (jacket)	50 mm
Commercial data	
URL Webshop	https://shop.murrelektronik.com/7000-18111-237
GTIN	4048879495387
EU-Customs tariff number	85444290
US-Customs tariff number	8544429090
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
ETIM-9.0	EC001855
ETIM-10.0	EC001855
customs tariff number	85444290
EAN	4048879495387
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	230 V
Operating voltage DC max.	230 V
Current operating per contact max.	10 A
Installation Connection	
Mounting set	M3x31
Device protection Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	4 kV
Mechanical data Material data	
housing	Plastic
Color housing	black
Screw connection	Stainless steel 1.4578 (V4A)
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	Attention: 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.
Conformity	
Product standard	EN 175301-803 (valve plug)
Installation Cable	
Cable identification	237
Cable Type	3
Cable weight	63 g/m
UL AWM Style	20549 / 10493
Stranding	1 × 4 wires stranded
Wire arrangement	BK 1, BK 2, BK 3, GNYE
Material wire insulation	PP
Amount wires	4
Outer diameter insulation	1.85 mm ± 0.1 mm
Conductor crosssection (wire)	0,75 mm²
Material conductor wire	Stranded copper wire, bare
Core construction (wire)	42 × 0.15 mm
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Material jacket	PUR
Outer-diameter (jacket)	6.5 mm ± 5 %
Jacket Color	gray / RAL 7040
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free

Material property (jacket)	abrasion-resistant, low adhesion, good machinability, matte
Conductor resistance (wire)	26 Ω /km @ 20 °C
Nominal voltage max.	300 V
Withstand voltage (wire - wire)	2.5 kV @ 60 s
Withstand voltage (wire - jacket)	2.5 kV @ 60 s
Current load capacity max. (wire)	9,6 A
Current load capacity (standard)	to DIN VDE 0298-4
Operating temperature (static)	-40 °C ... 80 °C / 90 °C @ 10000 h Operation
Operating temperature (dynamic)	-25 °C ... 80 °C / 90 °C @ 10000 h Operation
Operating temperature (drag chain)	-25 °C ... 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
Notes	application-related testing
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/s ² @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min