MSUD valve plug A-18mm with cable F&B

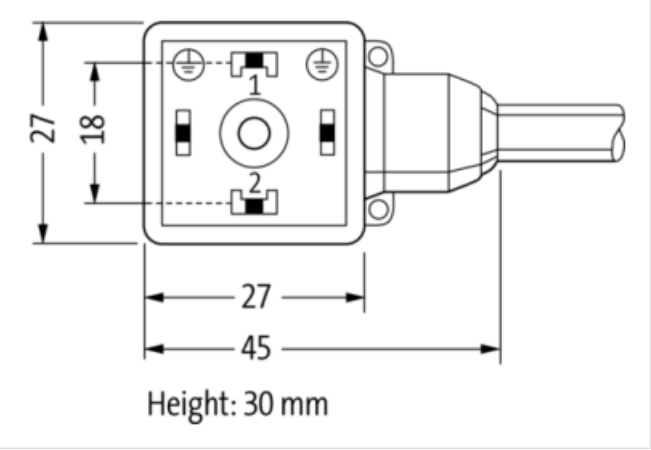
PVC 3x0.75 gy 10m

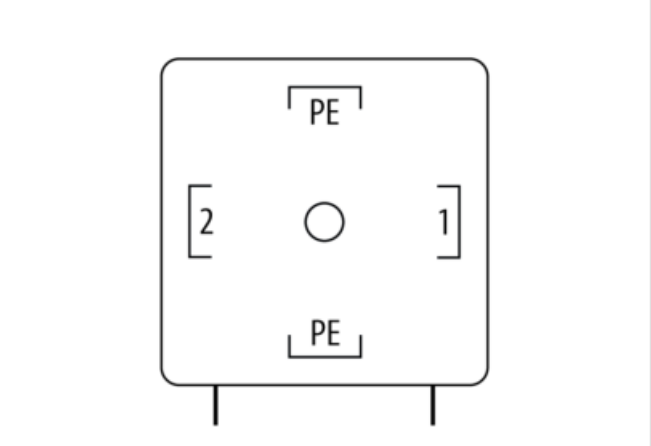
Art.No.: 7014-18021-2161000
Weight: 0.588 kg
Country of origin: CZ
Model designation: MSUDK-AA1Z-216_10.0-S14

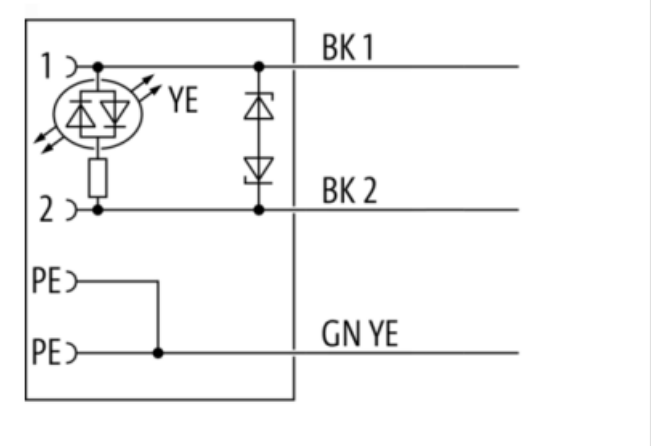
F&B MSUD
Form A (18 mm)
24 V AC/DC ±25%
LED and suppression
3-pole
Stainless steel 1.4578 (V4A)
Bridged PE
Further cable lengths on request.
Plastic housings with good resistance against chemicals and oils.
The resistance to aggressive media should be individually tested for your application. Further details on request.

Link to Product

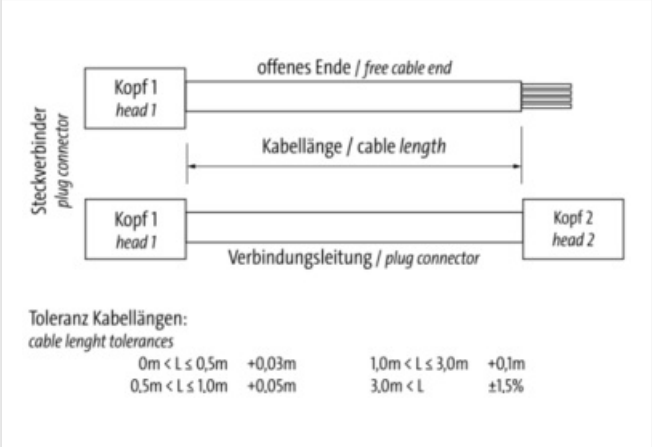
Illustration

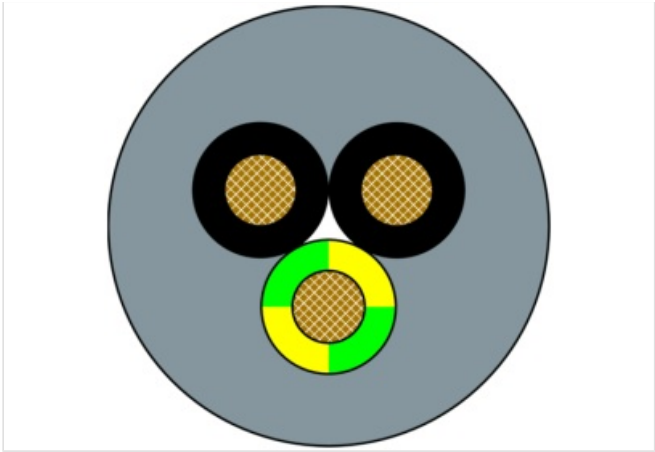






The information in this Product-PDF has been compiled with the utmost care.
Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2026-09-14





Product may differ from Image

Cable length	10,00 m
Side 1-1	
Family construction form	M12
No. of poles	4
Gender	female
Mounting method	pluggable, screwed
Threaded hole	M3x31
Tightening torque	0,4 Nm
Material contact	Bronze
Coating contact	silver-plated
Degree of protection (EN IEC 60529)	IP69K, IP68, IP65
Side 2-2	
Stripping length (jacket)	50 mm
Commercial data	
URL Webshop	https://shop.murrelektronik.com/7014-18021-2161000
GTIN	4048879108492
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

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: 2026-09-14

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	4048879108492
Packaging unit	1
Electrical data	
Drop-out delay time max.	20 ms
Electrical data | Supply	
Operating voltage AC	24 V
Operating voltage AC min.	18 V
Operating voltage AC max.	30 V
Operating voltage DC	24 V
Operating voltage DC min.	18 V
Operating voltage DC max.	30 V
Current operating per contact max.	4 A
Cut-off peak voltage max.	55 V
Current consumption max.	12 mA
Diagnostics	
Status indication LED	yellow
Device protection | Electrical	
Degree of protection (EN IEC 60529)	IP69K, IP68, IP65
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Additional suppressor	Diode, Z-diode
Rated surge voltage	0,8 kV
Material group (IEC 60664-1)	I
Mechanical data | Material data	
housing	PBT
Color housing	gray
Locking material	Stainless steel 1.4578 (V4A)
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	**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.
Installation | Cable-1	
Cable identification	216
Cable Type	1
Cable weigth	58 g/m
Stranding	1 × 3 wires stranded
Wire arrangement	BK 1, BK 2, GNYE
Material wire insulation	PVC

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: 2026-09-14

Amount wires	3
Outer diameter insulation	1.8 mm ± 0.1 mm
Conductor crosssection (wire)	0,75 mm²
Material conductor wire	Stranded copper wire, bare
Core construction (wire)	24 × 0.2 mm
Material properties wire insulation	good machinability
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Material jacket	PVC
Outer-diameter (jacket)	5.9 mm ± 5 %
Jacket Color	gray / RAL 7040
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 (static)	-30 °C … 70 °C
Operating temperature (dynamic)	-5 °C … 70 °C
Oil resistance	good
Chemical resistance	good
Other resistances	good resistance to gasoline
Notes	application-related testing
Bending radius (fixed)	5 × Outer diameter
Bending radius (dynamic)	10 × Outer diameter

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: 2026-09-14