

stay connected

MSUD valve plug A-18mm with cable

PUR 4x0.75 ye 5m

MSUD Form A (18 mm) 0...230 V AC/DC

without components

Further cable lengths on request.

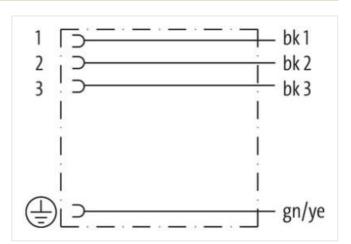
Plastic housings with good resistance against chemicals and oils.

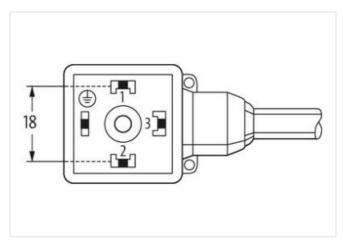
The resistance to aggressive media should be individually tested for your application. Further details on request.

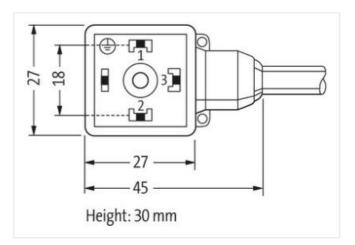
Link to Product

Illustration









Product may differ from Image











Form

18111 Form

Technical Data



stay connected

Locking of ports	Operating voltage	max. 230 V AC/DC
Protection IPRBK, IPR7 inserted and tightened (EN 60529)	Operating current per contact	max. 10 A
Black plastic (gray on request)	Locking of ports	M3 (recommended torque 0.4 Nm)
General data Cabies Cables -85 °C, depending on cable quality Cables -80 °C, depending on cable quality Wire solution PVC (bk num, gnye) Carack properties 2 Mo. Cuter 0 6.5 mm ±5% Cable identification 027 Cable identification 027 Approval (cable) U. (AWM-Style 26581731), GSA: CE conform Cable weight (gm) 74.5 g Material (wire) Cu wire, bare Relation (core) 0.15 mm Material (wire) 0.5 mm Construction (core) 42.0 1.5 mm (multi-strand wire class 6) Damenter (core) 42.0 1.5 mm (multi-strand wire class 6) Damenter (core) 43.5 Thm (multi-strand wire class 6) Damenter (wire isolation) PVC Material property (wire isolation) PVC Material (wire isolation) 43.4 5 D Wire O micil solation 4.8 mm 5% Colorinumbering of wires bix numbered, gnye longitudinally striped Stranding combination 4 wins twisted Shore hardness (jacket) PULPPVC	Protection	IP66K, IP67 inserted and tightened (EN 60529)
Temperature range -25185 °C, depending on cable quality Cables Vo. /diameter of wires 4. 0.75 mm² Wire isolation PVC (bk num. gryp) C track properties 2 Mo. Cuber properties 2 Mo. Cable identification 027 Cable identification 027 Cable (above) 2 (PNEPVC) Approval (cable) U. (AWM-Style 205491731), CSA; CE conform Cable (weight (grm) 7.4 8 g Material (wire) Cu wire, bare Resistor (core) max. 28 Dkm (20 °C) Single wire 0 (core) 0.15 mm Construction (core) 42.0.15 mm (mill-strand wire class 6) Diameter (core) 42.0.15 mm mm AWG smilar to AWG 18 Material (wire isolation) PVC Material property (wire isolation) CPC, cadmium, silicone- and lead-free Shore hardness (wire isolation) 4.9 ± 5 D Wire-Ø incl. isolation 1.8 mm ±5% Color/unimbering of wiree bit numbered, gryp longitudinally striped Shreed frame December (graph)	Housing	Black plastic (gray on request)
Cables No./dameler of wires 4 x 0.75 mm² No./dameler of wires 4 x 0.75 mm² Wire solation PVC (bk num, gnye) C-track properties 2 Mio. Outer Ø 6.5 mm ±5% Gabie identification 627 Gabie (properties) LV. (ARWM-Syle 20549/1731), CSA; CE conform Gabie velgint (gm) 74.8 g Material (virole) Cu wire, bare Resilator (core) max. 26 QMm (20 °C) Single wire Ø (core) 0.15 mm Construction (core) 42.0 1.5 mm (multi strand wire class 6) Diameter (core) 4.0 .75 mm² AWG similar to AWG 18 Material property (wire isolation) PVC Material property (wire isolation) PVC Wire Ø incl. isolation 1.8 mm ±5% Color/univation of wires bk numbered, graye longitudinally striped Sheld no Material property (jacket) PVC Color/univationalition 4 wires wisted Sheld no Material property (jacket) PVRPVC Material pr	General data	
No. diameter of wires 4 · 0.75 mm² Wire isolation PVC (8k num, gnye) C-track propertes 2 Min. Cuber Ø 6.5 mm ±5% Cable identification 027 Cable identification 127 Cable identification 127 Approval (cable) U. (AWM-Style 20549/1731), CSA: CE conform Cable weight [g/m] 7.4.8 g Material (wrie) Cu wire. bare Resistor (core) max. 26 Ω/km (20 °C) Single wire Of Core) 0.15 mm Construction (core) 42 · 0.15 mm (multi-altered wire class 6) Diameter (core) 40 · 0.75 mm? AWG similar to AWG 18 Material (wrie isolation) PVC Albertal property (wire isolation) CFC-, cadmium-, silicone- and lead-free Shore hardness (wire isolation) 4.8 mb ±5% Wire Ø Incl. Isolation 1.8 mm ±5% Golorinumbering of wires bit numbered grybe longitudinally stripped Stranding combination 4 wires twisted Shaled no Material property (jacket) CFC-, halogen-, cadmium-, sil	Temperature range	-25+85 °C, depending on cable quality
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C-track properties 2 Milo. Outer Ø 6.5 mm ±5% Cable identification 027 Cable Type 2 (PURPVC) Approval (cable) UL (AWM-Syle 20549/1731), CSA; CE conform Cable Weight (g/ml) 74.8 g Adeleration (wine) Cu wire, bare Resistor (core) max. 26 DM; (20°C) Single wire Ø (core) 0.15 mm Construction (core) 42.0 15 mm (multi-strand wire class 6) Diameter (core) 43.0 75 mm² AWG similar to AWG 18 Meterial (wire isolation) PVC Material (wire isolation) 43.5 D Wee Ø met. isolation 1.8 mm ±5% Color/numboring of wires bit numbered, greye longitudinally stripped Stranding combination 4 wires twisted Shore hardness (kinck) PURPVC Color/numboring of wires bit numbered, greye longitudinally stripped Strianding combination 4 wires twisted Shore hardness (kinckel) PURPVC Color (glockel) CFC-, hallogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, matchine easy to process, abrasion- resistant. H		
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Outer-Ø (jacket) 6.5 mm ±5% Color (jacket) yellow Jacket Color yellow chemical resistance good resistance to oil, gasoline and chemicals Nominal voltage UL 300 V AC Test voltage 2000 V AC Current load capacity to DIN VDE 0298-4 Temperature range (fixed) -30+80 °C Temperature range (fixed) -30+80 °C Temperature range (mobile) -5+80 °C Temperature range (mobile) -5+80 °C Bend radius (fixed) 10x outer Ø Bend radius (moving) 15x outer Ø Bend radius (moving) 15x outer Ø No. of bending cycles (C-track) max. 2 Mio. (25 °C) Travel speed (C-track) max. 3 m/s Acceleration (C-track) max. 5 m/s² Material (jacket) PUR/PVC (UL/CSA)		resistant, hydrolysis and microbial resistant
Color (jacket) yellow Jacket Color yellow chemical resistance good resistance to oil, gasoline and chemicals Nominal voltage UL 300 V AC Test voltage 2000 V AC Current load capacity to DIN VDE 0298-4 Temperature range (fixed) -30+80 °C Temperature range (fixed) -30+80 °C Temperature range (mobile) -5+80 °C Temperature range (mobile) -5+80 °C Bend radius (fixed) 10× outer Ø Bend radius (moving) 15× outer Ø No. of bending cycles (C-track) max. 2 Mio. (25 °C) Travel speed (C-track) max. 3.3 m/s Acceleration (C-track) max. 5 m/s² Material (jacket) PUR/PVC (UL/CSA)	Shore hardness (jacket)	80 ±5 A (PVC-under jacket); 85 ±5 A (PUR-jacket)
Jacket Color yellow chemical resistance good resistance to oil, gasoline and chemicals Nominal voltage UL 300 V AC Test voltage 2000 V AC Current load capacity to DIN VDE 0298-4 Temperature range (fixed) -30+80 °C Temperature range (fixed) -30+80 °C Temperature range (mobile) -5+80 °C Temperature range (mobile) -5+80 °C Bend radius (fixed) 10× outer Ø Bend radius (moving) 15× outer Ø Bend radius (moving) 15× outer Ø No. of bending cycles (C-track) max. 2 Mio. (25 °C) Travel speed (C-track) max. 3.3 m/s Acceleration (C-track) max. 5 m/s² Material (jacket) PUR/PVC (UL/CSA)	Outer-Ø (jacket)	6.5 mm ±5%
chemical resistance good resistance to oil, gasoline and chemicals Nominal voltage UL 300 V AC Test voltage 2000 V AC Current load capacity to DIN VDE 0298-4 Temperature range (fixed) -30+80 °C Temperature range (fixed) -30+80 °C Temperature range (mobile) -5+80 °C Temperature range (mobile) -5+80 °C Bend radius (fixed) 10× outer Ø Bend radius (moving) 15× outer Ø Bend radius (moving) 15× outer Ø No. of bending cycles (C-track) max. 2 Mio. (25 °C) Travel speed (C-track) max. 3.3 m/s Acceleration (C-track) max. 5 m/s² Material (jacket) PUR/PVC (UL/CSA) Product article number of manufacturer 7000-18111-0270500	Color (jacket)	yellow
Nominal voltage UL 300 V AC Test voltage 2000 V AC Current load capacity to DIN VDE 0298-4 Temperature range (fixed) -30+80 °C Temperature range (fixed) -5+80 °C Temperature range (mobile) -5+80 °C Temperature range (mobile) -5+80 °C Bend radius (fixed) 10x outer Ø Bend radius (moving) 15x outer Ø Bend radius (moving) 15x outer Ø No. of bending cycles (C-track) max. 2 Mio. (25 °C) Travel speed (C-track) max. 3.3 m/s Acceleration (C-track) Material (jacket) PUR/PVC (UL/CSA) Product article number of manufacturer 7000-18111-0270500	Jacket Color	yellow
Test voltage 2000 V AC Current load capacity to DIN VDE 0298-4 Temperature range (fixed) -30+80 °C Temperature range (fixed) -5+80 °C Temperature range (mobile) -5+80 °C Temperature range (mobile) -5+80 °C Bend radius (fixed) 10× outer Ø Bend radius (moving) 15× outer Ø Bend radius (moving) 15× outer Ø No. of bending cycles (C-track) max. 2 Mio. (25 °C) Travel speed (C-track) max. 3.3 m/s Acceleration (C-track) max. 5 m/s² Material (jacket) PUR/PVC (UL/CSA) Product article number of manufacturer 7000-18111-0270500	chemical resistance	
Current load capacity to DIN VDE 0298-4 Temperature range (fixed) -30+80 °C Temperature range (fixed) -5+80 °C Temperature range (mobile) -5+80 °C Temperature range (mobile) -5+80 °C Bend radius (fixed) 10× outer Ø Bend radius (moving) 15× outer Ø Bend radius (moving) 15× outer Ø No. of bending cycles (C-track) max. 2 Mio. (25 °C) Travel speed (C-track) max. 3.3 m/s Acceleration (C-track) Material (jacket) Product article number of manufacturer 7000-18111-0270500	Nominal voltage	
Temperature range (fixed) -30+80 °C Temperature range (fixed) -30+80 °C Temperature range (mobile) -5+80 °C Temperature range (mobile) -5+80 °C Bend radius (fixed) 10× outer Ø Bend radius (moving) 15× outer Ø Bend radius (moving) 15× outer Ø No. of bending cycles (C-track) max. 2 Mio. (25 °C) Travel speed (C-track) max. 3.3 m/s Acceleration (C-track) Material (jacket) Product article number of manufacturer 7000-18111-0270500	Test voltage	2000 V AC
Temperature range (fixed) -30+80 °C Temperature range (mobile) -5+80 °C Temperature range (mobile) -5+80 °C Bend radius (fixed) 10× outer Ø Bend radius (moving) 15× outer Ø No. of bending cycles (C-track) max. 2 Mio. (25 °C) Travel speed (C-track) max. 3.3 m/s Acceleration (C-track) Material (jacket) Product article number of manufacturer 7000-18111-0270500	Current load capacity	to DIN VDE 0298-4
Temperature range (mobile) -5+80 °C Temperature range (mobile) -5+80 °C Bend radius (fixed) 10× outer Ø Bend radius (moving) 15× outer Ø Bend radius (moving) 15× outer Ø No. of bending cycles (C-track) max. 2 Mio. (25 °C) Travel speed (C-track) max. 3.3 m/s Acceleration (C-track) Material (jacket) PUR/PVC (UL/CSA) Product article number of manufacturer 7000-18111-0270500	Temperature range (fixed)	
Temperature range (mobile) -5+80 °C Bend radius (fixed) 10× outer Ø Bend radius (moving) 15× outer Ø Bend radius (moving) 15× outer Ø No. of bending cycles (C-track) max. 2 Mio. (25 °C) Travel speed (C-track) max. 3.3 m/s Acceleration (C-track) Material (jacket) PUR/PVC (UL/CSA) Product article number of manufacturer 7000-18111-0270500	Temperature range (fixed)	-30+80 °C
Bend radius (fixed) Bend radius (moving) 15× outer Ø Bend radius (moving) 15× outer Ø No. of bending cycles (C-track) Travel speed (C-track) Max. 3.3 m/s Acceleration (C-track) Material (jacket) Product article number of manufacturer 10× outer Ø max. 2 Mio. (25 °C) max. 3.3 m/s max. 5 m/s² PUR/PVC (UL/CSA)	Temperature range (mobile)	-5+80 °C
Bend radius (moving) 15× outer Ø Bend radius (moving) 15× outer Ø No. of bending cycles (C-track) max. 2 Mio. (25 °C) Travel speed (C-track) max. 3.3 m/s Acceleration (C-track) max. 5 m/s² Material (jacket) PUR/PVC (UL/CSA)	Temperature range (mobile)	-5+80 °C
Bend radius (moving) 15× outer Ø No. of bending cycles (C-track) max. 2 Mio. (25 °C) Travel speed (C-track) max. 3.3 m/s Acceleration (C-track) max. 5 m/s² Material (jacket) PUR/PVC (UL/CSA) Product article number of manufacturer 7000-18111-0270500	Bend radius (fixed)	10× outer Ø
No. of bending cycles (C-track) Travel speed (C-track) Acceleration (C-track) Material (jacket) PuR/PVC (UL/CSA) Product article number of manufacturer max. 2 Mio. (25 °C) max. 3.3 m/s PuR/PVC (UL/CSA)	Bend radius (moving)	15× outer Ø
Travel speed (C-track) max. 3.3 m/s Acceleration (C-track) max. 5 m/s² Material (jacket) PUR/PVC (UL/CSA) Product article number of manufacturer 7000-18111-0270500	Bend radius (moving)	15× outer Ø
Acceleration (C-track) max. 5 m/s² Material (jacket) PUR/PVC (UL/CSA) Product article number of manufacturer 7000-18111-0270500	No. of bending cycles (C-track)	max. 2 Mio. (25 °C)
Material (jacket) PUR/PVC (UL/CSA) Product article number of manufacturer 7000-18111-0270500	Travel speed (C-track)	max. 3.3 m/s
Product article number of manufacturer 7000-18111-0270500	Acceleration (C-track)	max. 5 m/s ²
	Material (jacket)	PUR/PVC (UL/CSA)
	Product article number of manufacturer	7000-18111-0270500
	Cable length	5 m

The information in this brochure has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2023-02-10

Data Sheet for Article 7000-18111-0270500

