

M12 male 0° A-cod. / MSUD valve plug A-18mm

PVC 3x0.75 bk 1m

Art.No.: 7000-40881-6160100

Weight: 0.102 Country of origin: CZ

Model designation: MSKL3-A-W616_1.0

Form A (18 mm) - M12, male straight

24 V AC $\pm 20\%$ / DC $\pm 25\%$ LED and suppression

Bridged PE A-coded

Further cable lengths on request.

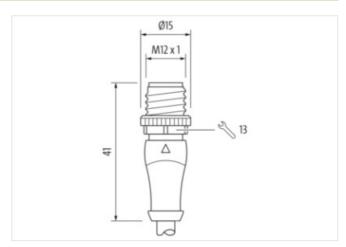
Plastic housings with good resistance against chemicals and oils.

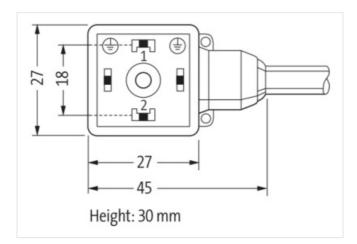
The resistance to aggressive media should be individually tested for your application. Further details on request.

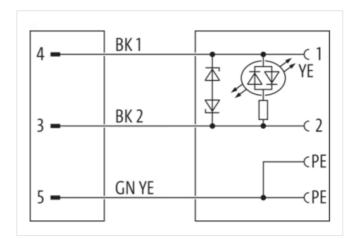
Link to Product

Illustration



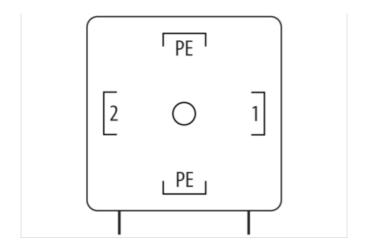


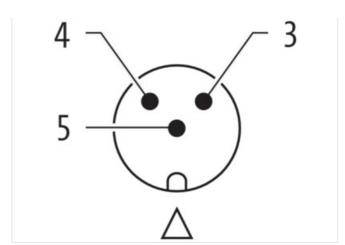


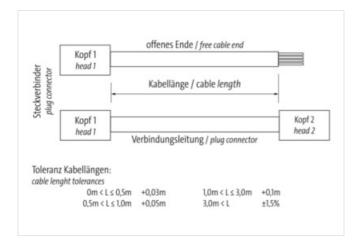


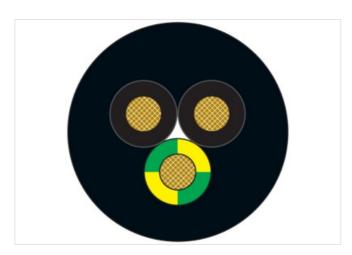


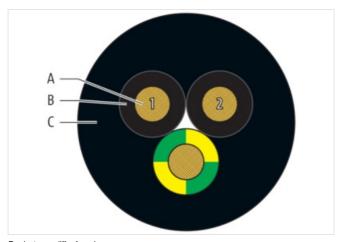
stay connected











Product may differ from Image







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Material short text MSKL3-A-W616_1.0

Cable length 1,00 m

Side 1



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Family construction form	M12
No. of poles Coding	3 A
	inserted, screwed
Mounting method	·
Thread	M12 x 1
Tightening torque	0.6 Nm
Width across flats	SW13
suitable for corrugated tube (internal Ø)	10 mm
Material	PUR
Degree of protection (EN IEC 60529)	IP67
Side 2	
Family construction form	MSUD A
No. of poles	4
Thread	M3x31
Tightening torque	0.4 Nm
Material	PBT
Degree of protection (EN IEC 60529)	IP67
Commercial data	
URL Webshop	https://shop.murrelektronik.com/7000-40881-6160100
GTIN	4048879152266
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-10.0.1	27060312
ECLASS-10.1	27060312
ECLASS-11.1	27060312
ECLASS-11.1	27060312
ECLASS-12.0 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 Basis a write	4048879152266
Packaging unit	1
Electrical data	
Drop-out delay time max.	20 ms
Electrical data Supply	
Operating voltage AC	24 V
Operating voltage AC min.	19.2 V
Operating voltage AC max.	28.8 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
Ourient operating per contact max.	70

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: 2025-11-04



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Cut-off peak voltage max.	55 V	
Current consumption max.	15 mA	
Diagnostics		
Status indication LED	yellow	
	yenow	
Device protection Electrical		
Degree of protection (EN IEC 60529)	IP67	
Additional condition protection degree	inserted, screwed	
Pollution Degree	3	
Additional suppressor Rated surge voltage	Z-Diode 0.8 kV	
Material group (IEC 60664-1)	I.	
,	<u>'</u>	
Mechanical data Material data		
Material housing	Plastic	
Color housing	black	
Locking material	Zinc die-casting	
Coating locking	Nickeled	
Material 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		
	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be	
Note on bending radius	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 IEC 61076-2-101 (M12), EN 175301-803	
Installation Cable		
Cable identification	616	
Cable Type	1	
Amount stranding	1	
Stranding	3 wires stranded	
Cable weigth	56 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	
Material properties wire insulation	good machinability	
Ingredient freeness wire insulation	CFC-free, cadmium-free, silicone-free, lead-free	
Printing color of wire insulation	white (isolation black)	
Amount strands (wire)	24	
	0.2 mm	
Diameter of single wires		
Conductor crosssection (wire)	0.75 mm ²	
Conductor crosssection (wire) Material conductor wire	Stranded copper wire, bare	
Conductor crosssection (wire) Material conductor wire Conductor type (wire)		
Conductor crosssection (wire) Material conductor wire Conductor type (wire) Outer-diameter (jacket)	Stranded copper wire, bare Strand class 5 5.9 mm	
Conductor crosssection (wire) Material conductor wire Conductor type (wire)	Stranded copper wire, bare Strand class 5	



Shore hardness jacket	80 ± 5 Shore A
Freedom from ingredients (jacket)	CFC-free, cadmium-free, silicone-free, lead-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 (standard)	to DIN VDE 0298-4
Current load capacity min. wire	12 A
Min. operating temperature (static)	-30 °C
Max. operating temperature (static)	70 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (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