

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

PVC 3x0.75 bk 0.6m

Art.No.: 7000-40881-6160060

Weight: 0.080 kg Country of origin: CZ

Model designation: MSKL3-A-W616\_0.6

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.

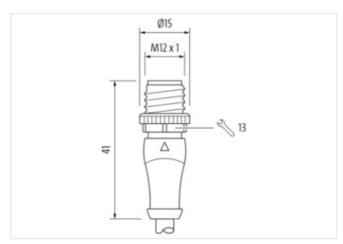
Plastic housings with good resistance against chemicals and oils.

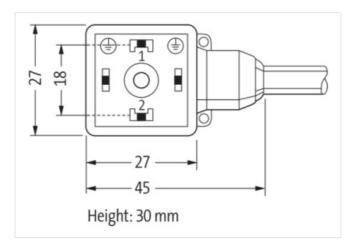
The resistance to aggressive media should be individually tested for your application. Further details on request.

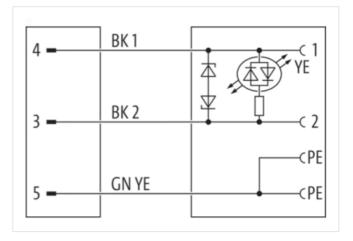
## **Link to Product**

## Illustration



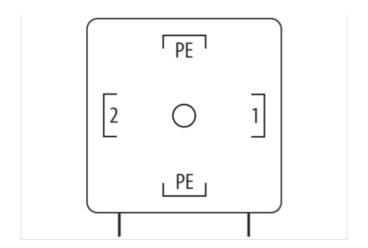


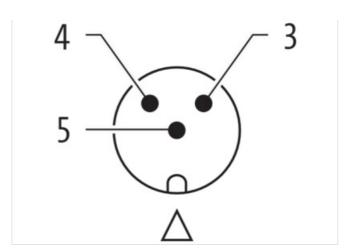


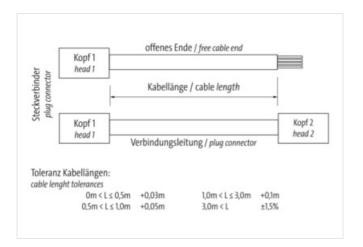


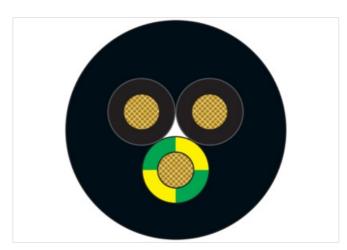


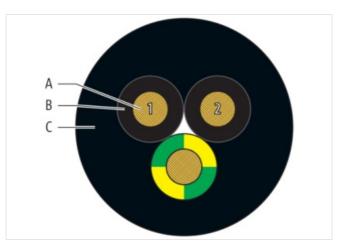
stay connected











Product may differ from Image







Header	
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Material short text MSKL3-A-W616\_0.6

Cable length 0,60 m

Side 1



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Family construction form	M12
No. of poles	3
Coding	A
Mounting method  Threaded hole	inserted, screwed  M12 x 1
Tightening torque	0,6 Nm
Width across flats	SW13
suitable for corrugated tube (internal Ø)	10 mm PUR
Material Control (EN IEC COECO)	
Degree of protection (EN IEC 60529)  Side 2	IP67
Family construction form	Valve connector form A
No. of poles	4
Threaded hole	M3x31
Tightening torque	0,4 Nm
Material	PBT
Degree of protection (EN IEC 60529)	IP67
Commercial data	
URL Webshop	https://shop.murrelektronik.com/7000-40881-6160060
GTIN	4048879152273
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	4048879152273
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 min.  Operating voltage DC max.	30 V
Current operating per contact max.	
Current operating per contact max.	4 A

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: 2025-12-15



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Cut-off peak voltage max.	55 V
Current consumption max.	15 mA
Diagnostics	
Status indication LED	yellow
Device protection   Electrical	•
•	IP67
Degree of protection (EN IEC 60529)  Additional condition protection degree	inserted, screwed
Pollution Degree	3
Additional suppressor	Z-Diode
Rated surge voltage	0.8 kV
Material group (IEC 60664-1)	J.
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	
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 IEC 61076-2-101 (M12), EN 175301-803
Installation   Cable	
Cable identification	616
Cable Type	1
Amount stranding	1
Stranding Cable weigh	3 wires stranded
Cable weigth  Material wire insulation	56 g/m PVC
ivialerial WIIE IIISUIALIOII	1 00
At ive -	0
Amount wires	3
Outer diameter insulation	1,8 mm
Outer diameter insulation Outer diameter tolerance core insulation	1,8 mm ± 0,1 mm
Outer diameter insulation  Outer diameter tolerance core insulation  Shore hardness wire insulation	1,8 mm ± 0,1 mm 43 ± 5 Shore D
Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation Material properties wire insulation	1,8 mm ± 0,1 mm 43 ± 5 Shore D good machinability
Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation Material properties wire insulation Ingredient freeness wire insulation	1,8 mm ± 0,1 mm  43 ± 5 Shore D  good machinability  CFC-free, cadmium-free, silicone-free, lead-free
Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation Material properties wire insulation Ingredient freeness wire insulation Printing color of wire insulation	1,8 mm ± 0,1 mm  43 ± 5 Shore D  good machinability  CFC-free, cadmium-free, silicone-free, lead-free  white (isolation black)
Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation Material properties wire insulation Ingredient freeness wire insulation Printing color of wire insulation Amount strands (wire)	1,8 mm ± 0,1 mm 43 ± 5 Shore D good machinability  CFC-free, cadmium-free, silicone-free, lead-free white (isolation black) 24
Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation Material properties wire insulation Ingredient freeness wire insulation Printing color of wire insulation Amount strands (wire) Diameter of single wires	1,8 mm  ± 0,1 mm  43 ± 5 Shore D  good machinability  CFC-free, cadmium-free, silicone-free, lead-free  white (isolation black)  24  0,2 mm
Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation Material properties wire insulation Ingredient freeness wire insulation Printing color of wire insulation Amount strands (wire) Diameter of single wires Conductor crosssection (wire)	1,8 mm  ± 0,1 mm  43 ± 5 Shore D  good machinability  CFC-free, cadmium-free, silicone-free, lead-free white (isolation black)  24  0,2 mm  0,75 mm²
Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation Material properties wire insulation Ingredient freeness wire insulation Printing color of wire insulation Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire	1,8 mm  ± 0,1 mm  43 ± 5 Shore D  good machinability  CFC-free, cadmium-free, silicone-free, lead-free white (isolation black)  24  0,2 mm  0,75 mm²  Stranded copper wire, bare
Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation Material properties wire insulation Ingredient freeness wire insulation Printing color of wire insulation Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire)	1,8 mm  ± 0,1 mm  43 ± 5 Shore D  good machinability  CFC-free, cadmium-free, silicone-free, lead-free white (isolation black)  24  0,2 mm  0,75 mm²  Stranded copper wire, bare  Strand class 5
Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation Material properties wire insulation Ingredient freeness wire insulation Printing color of wire insulation Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire) Outer-diameter (jacket)	1,8 mm  ± 0,1 mm  43 ± 5 Shore D  good machinability  CFC-free, cadmium-free, silicone-free, lead-free  white (isolation black)  24  0,2 mm  0,75 mm²  Stranded copper wire, bare  Strand class 5  5,9 mm
Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation Material properties wire insulation Ingredient freeness wire insulation Printing color of wire insulation Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire)	1,8 mm  ± 0,1 mm  43 ± 5 Shore D  good machinability  CFC-free, cadmium-free, silicone-free, lead-free white (isolation black)  24  0,2 mm  0,75 mm²  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