

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

PUR 3x0.75 ye UL/CSA+drag ch. 10m

Art.No.: 7000-40881-0361000

Weight: 0.556 Country of origin: CZ

Model designation: MSKL3-A-W036_10.0

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.

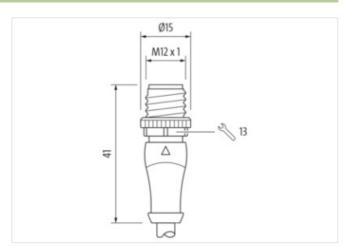
Plastic housings with good resistance against chemicals and oils.

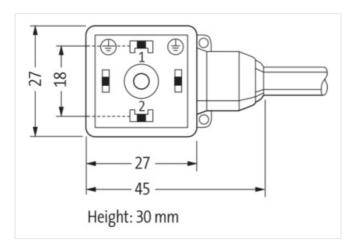
The resistance to aggressive media should be individually tested for your application. Further details on request.

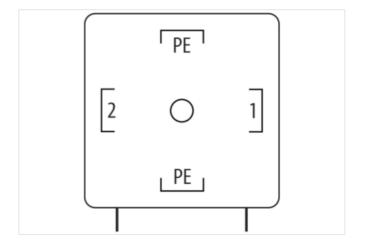
Link to Product

Illustration



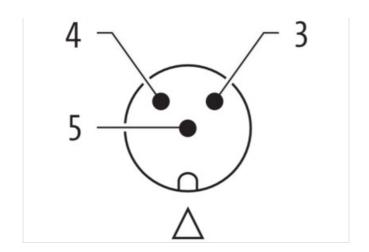


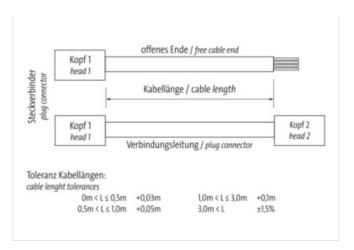


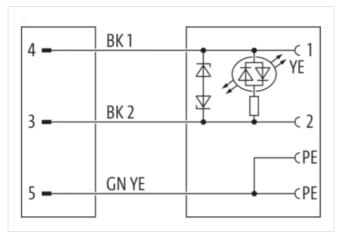




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Product may differ from Image











Header	
Material short text	MSKL3-A-W036_10.0
Cable length	10.0 m
Side 1	
Family construction form	M12
No. of poles	3
Coding	A
Mounting method	inserted, screwed
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	M3



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Material	torque	0.4 Nm
Commercial data URL Webshop https://shop.murrelektronik.com/7000-40881-0361000 GTIN 4048879152785 ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-7.1 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060312 ECLASS-9.1 27060312 ECLASS-9.1 27060312 ECLASS-10.1 27060312 ECLASS-10.1 27060312 ECLASS-11.0 27060312 ECLASS-11.0 27060312 ECLASS-12.0 27060312 ECLASS-13.0 27060312 ECLASS-14.0 27060312 ECLASS-13.0 27060312 ECLASS-14.0 27060312 ETIM-5.0 EC001855 ETIM-7.0 EC001855 ETIM-8.0 EC001855 ETIM-8.0 EC001855 ETIM-8.0 EC001855 Drop-out delay time max. 20 ms Electrical data Supply Operating voltage AC max.		PBT
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Material group (IEC 60664-1)		
Mechanical data Material data		<u> </u>
	cal data Material data	
Material housing Plastic	pusing	Plastic



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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
	dopontally on odolo 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	DIN EN 61076-2-101 (M12), DIN EN 175301-803
Installation Cable	
Cable identification	036
Cable Type	3
Amount stranding	1
Stranding	3 wires stranded
Wire arrangement	black 1, black 2, green-yellow
Cable weigth	56.1 g/m
Material wire insulation	PP
Amount wires	3
Outer diameter insulation	1.85 mm
Outer diameter tolerance core insulation	± 0.1 mm
Shore hardness wire insulation	70 5 Shore D
Ingredient freeness wire insulation	CFC-free, cadmium-free, silicone-free, halogen-free, lead-free
Printing color of wire insulation	white (isolation black)
Amount strands (wire)	42
Diameter of single wires	0.15 mm
Conductor crosssection (wire)	0.75 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Outer-diameter (jacket)	5.9 mm
Tolerance outer diameter (sheath)	±5%
Material jacket	PUR
Shore hardness jacket	90 5 Shore A
Freedom from ingredients (jacket)	CFC-free, cadmium-free, silicone-free, halogen-free, lead-free
Material property (jacket)	matte, good machinability, abrasion-resistant, low adhesion
Conductor resistance (wire)	26 Ω/km @ 20 °C
Nominal voltage AC max.	300 V
Withstand voltage (wire - wire)	2.5 kV @ 60 s
Withstand voltage (wire - jacket)	2.5 kV @ 60 s
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	12 A
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (drag chain)	-25 °C



Operating temperature max. (drag chain)	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
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/s² @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	180 °/m
Torsion speed	35 cycles/min