

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

PUR 4x0.75 bk UL/CSA+drag ch. 0.6m

Art.No.: 7000-41591-6370060

Weight: 0.129

Country of origin: CZ

Model designation: MSKL3-636_150-KL3-637_0.6-A

Form A (18 mm) – M12, connector at the rear

24 V AC $\pm 20\%$ / DC $\pm 25\%$

LED and suppression

Connection cable L = 150 mm

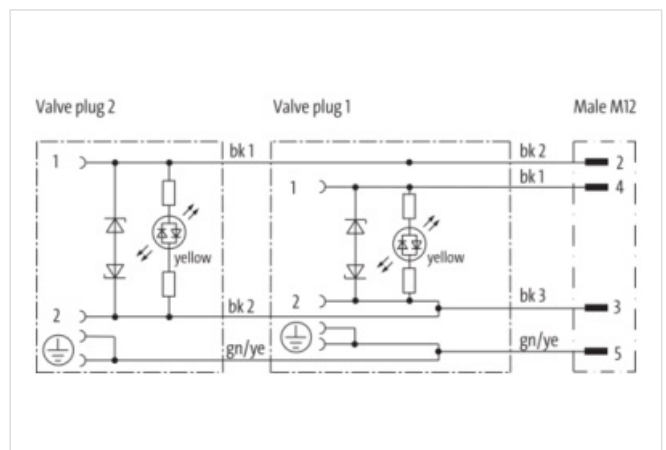
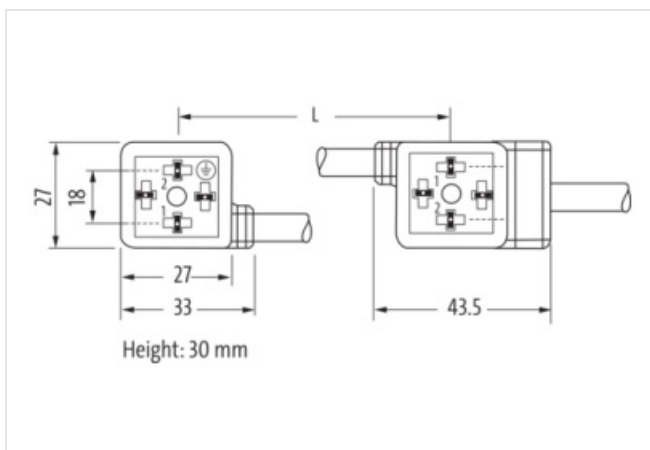
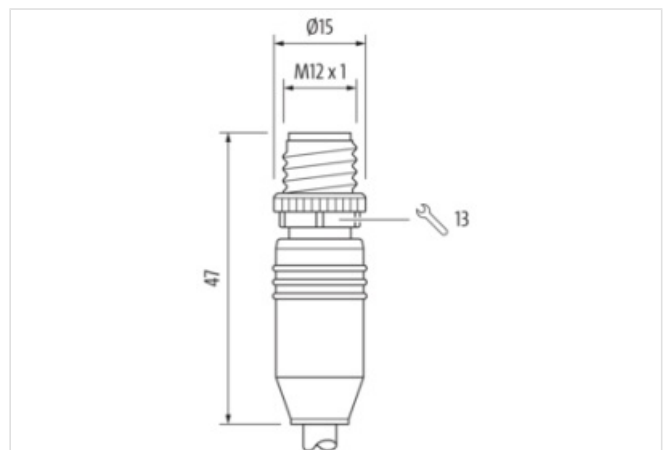
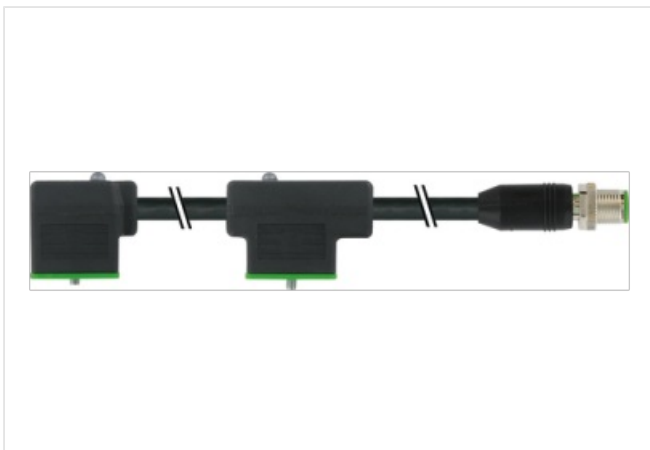
Bridged PE

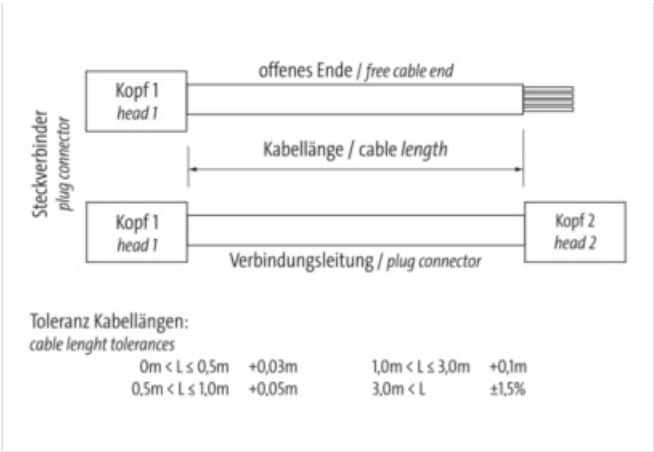
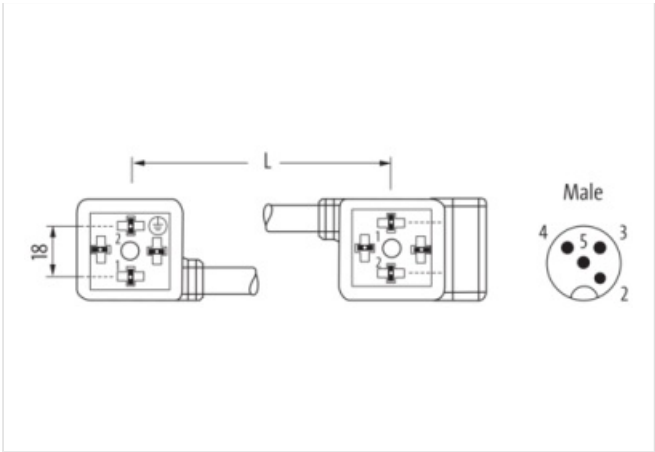
Cable sleeve

Plastic housings with good resistance against chemicals and oils.

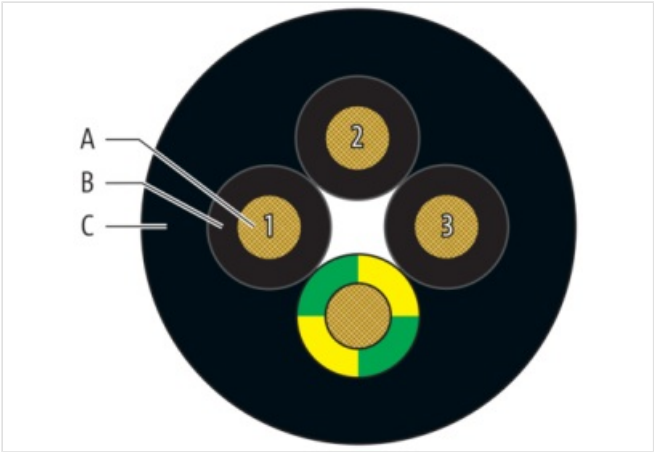
The resistance to aggressive media should be individually tested for your application. Further details on request.

Further cable lengths on request.

[Link to Product](#)**Illustration**



Product may differ from Image



Header	
Cable length	0,60 m
Side 1	
Family construction form	MSUD A
No. of poles	3
Degree of protection (EN IEC 60529)	IP67
Side 2	
Family construction form	MSUD A
No. of poles	3
Degree of protection (EN IEC 60529)	IP67
Side 3	
Family construction form	M12
No. of poles	4
Coding	A
Degree of protection (EN IEC 60529)	IP67
Commercial data	
URL Webshop	https://shop.murrelektronik.com/7000-41591-6370060

customs tariff number	85444290
EAN	4048879512619
Packaging unit	1
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 consumption max.	15 mA
Installation Connection	
Tightening torque	0.6 Nm
Width across flats	SW 13
Device protection Electrical	
Degree of protection (EN IEC 60529)	IP67
Pollution Degree	3
Additional suppressor	Z-Diode
Rated surge voltage	0.8 kV
Material group (IEC 60664-1)	I
Mechanical data Material data	
Locking material screw	Zinc die-casting
Locking screw coating	nickel plated
Mechanical data Mounting data	
Mounting method	inserted, screwed
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	
Cable identification	637
Cable Type	3
Amount stranding	1
Stranding	4 wires stranded
Wire arrangement	black 1, black 2, black 3, green-yellow
Cable weight	63 g/m
Material wire insulation	PP
Amount wires	4
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 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Outer-diameter (jacket)	6.5 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	9.6 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