

M12 male 90° A-cod. / MSUD valve plug A-18mm

PVC 5x0.34 gy UL/CSA 0.3m

Art.No.: 7000-40951-2150030

Weight: 0.066

Country of origin: CZ

Model designation: MSZLI-C-U215_0.3

MSUD

Form A (18 mm) – M12, male 90°

24 V DC $\pm 25\%$

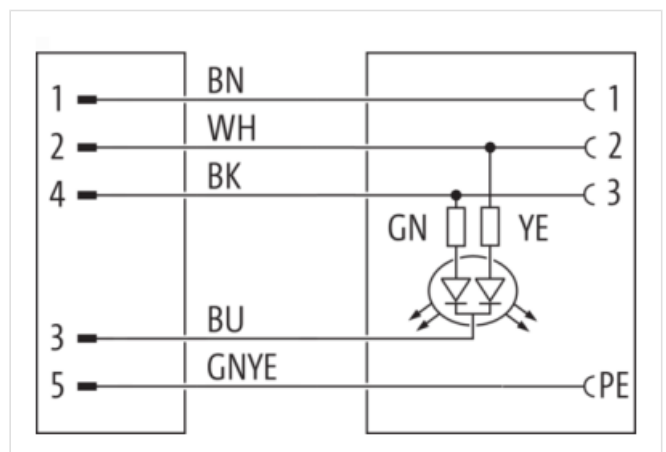
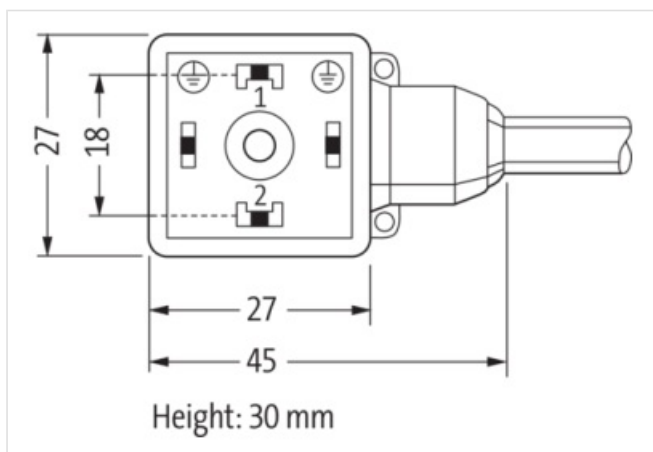
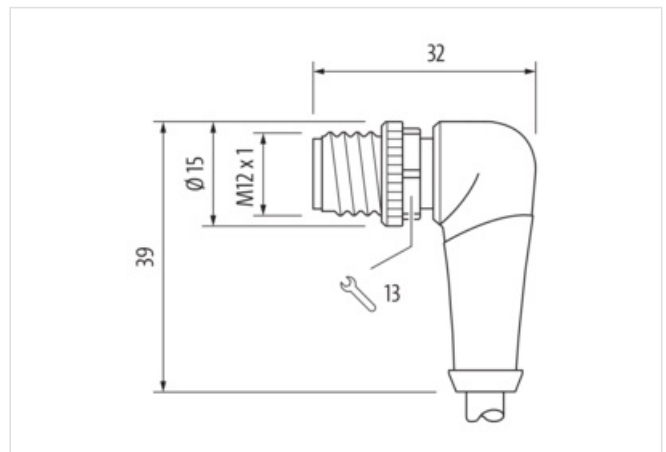
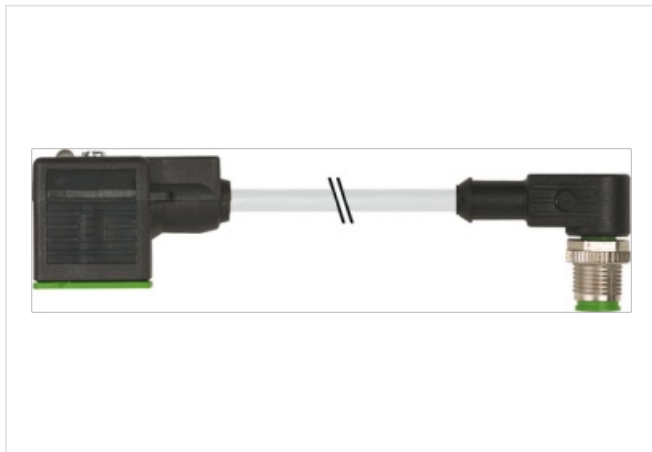
LED (yellow/green)

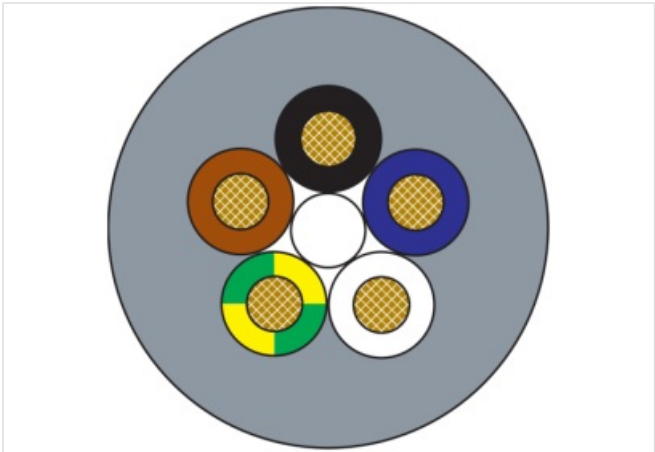
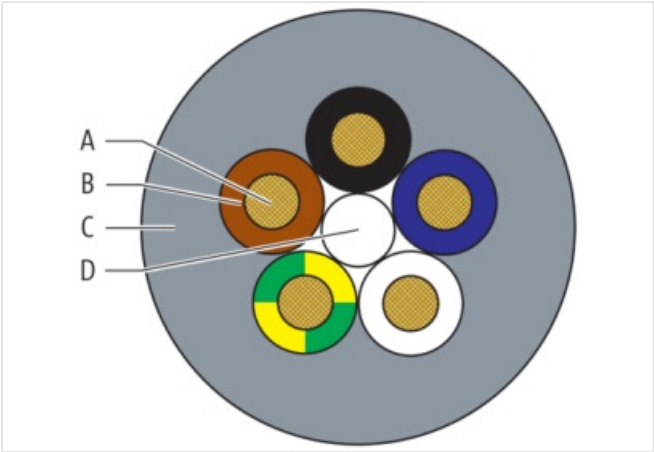
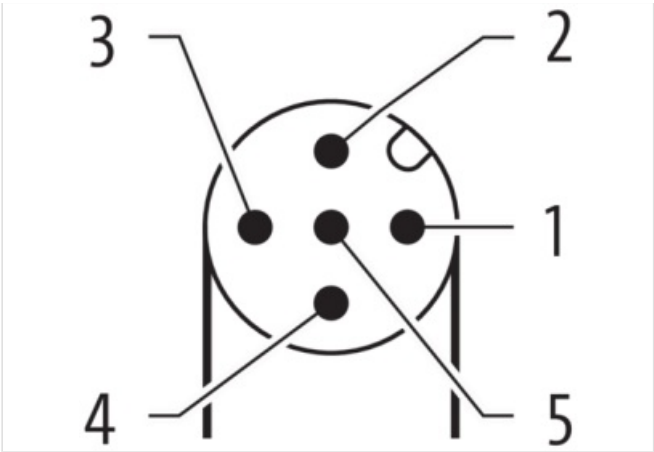
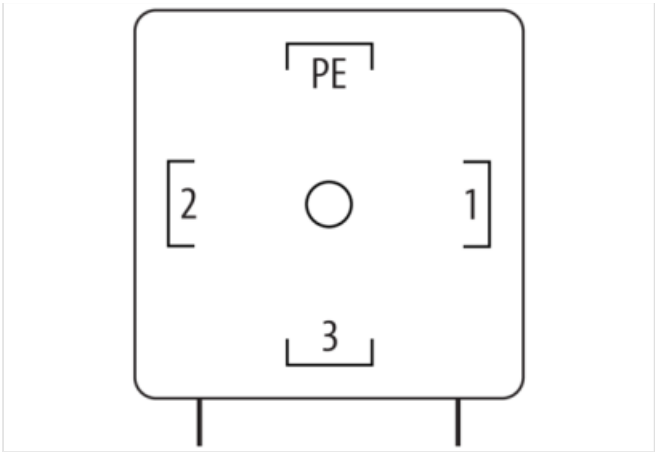
for pressure switches

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



0

Header

Material short text MSZLI-C-U215_0.3

Cable length 0,30 m

Side 1

Family construction form	M12
No. of poles	5
Coding	A
Mounting method	pluggable, screwed
Thread	M12 x 1
Tightening torque	0.6 Nm
Width across flats	SW13
suitable for corrugated tube (internal Ø)	10 mm
Material contact	Copper alloy
Coating contact	gold plated
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
Degree of protection (EN IEC 60529)	IP67

Commercial data

URL Webshop	https://shop.murrelektronik.com/7000-40951-2150030
GTIN	4048879610483
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	4048879610483
Packaging unit	1

Electrical data | Supply

Operating voltage DC	24 V
Operating voltage DC min.	18 V
Operating voltage DC max.	30 V
Current operating per contact max.	4 A
Current consumption max.	12 mA

Device protection | Electrical

Additional condition protection degree	inserted, screwed
Pollution Degree	3
Additional suppressor	LED

Rated surge voltage	0.8 kV
Material group (IEC 60664-1)	I
Mechanical data Material data	
Material housing	Plastic
Color housing	Black
Material jacket	PVC
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.
Installation Cable	
Cable identification	215
Cable Type	1
Amount stranding	1
Stranding	5 wires around core filler twisted
Filler	yes
Wire arrangement	brown, Black, blue, white, green-yellow
Cable weight	44 g/m
Material wire insulation	PVC
Amount wires	5
Outer diameter insulation	1.25 mm
Outer diameter tolerance core insulation	± 0.05 mm
Shore hardness wire insulation	45 ± 5 Shore D
Material properties wire insulation	good machinability
Ingredient freeness wire insulation	CFC-free, cadmium-free, silicone-free, lead-free
Amount strands (wire)	19
Diameter of single wires	0.15 mm
Conductor crosssection (wire)	0.34 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
Outer-diameter (jacket)	5.2 mm
Tolerance outer diameter (sheath)	± 5 %
Material jacket	PVC
Shore hardness jacket	85 ± 5 Shore A
Freedom from ingredients (jacket)	CFC-free, cadmium-free, silicone-free, lead-free
Material property (jacket)	good machinability
Conductor resistance (wire)	57 Ω/km @ 20 °C
Nominal voltage AC max.	300 V
Withstand voltage (wire - wire)	2 kV @ 60 s
Withstand voltage (wire - jacket)	2 kV @ 60 s
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4.5 A
Min. operating temperature (static)	-30 °C
Max. operating temperature (static)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	80 °C

Flame resistance	UL 1581 § 1080, CSA FT1, IEC 60332-1-2
Oil resistance	good
Chemical resistance	good
Other resistances	good resistance to gasoline
Bending radius (fixed)	5 × Outer diameter
Bending radius (dynamic)	10 × Outer diameter