

**M8 male 90° A-cod. / MSUD valve plug C-8mm small**

PVC 3x0.34 ye UL/CSA 0.6m

Art.No.: 7000-88451-0130060

Weight: 0.044 kg

Country of origin: CZ

Model designation: MSTL3-I-T013\_0.6

MSUD

Form C (8 mm)

Male M8

90°

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

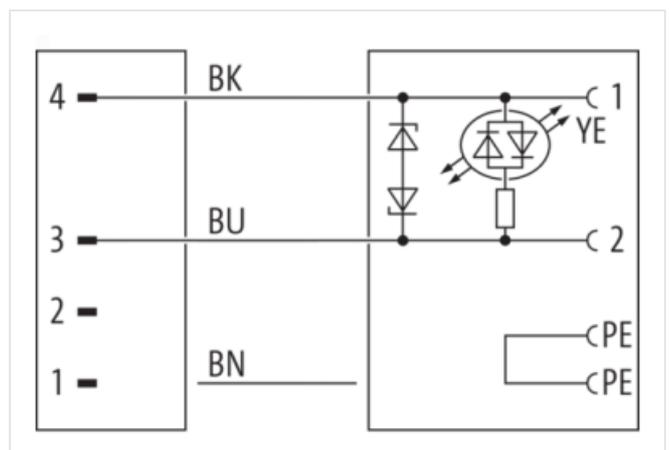
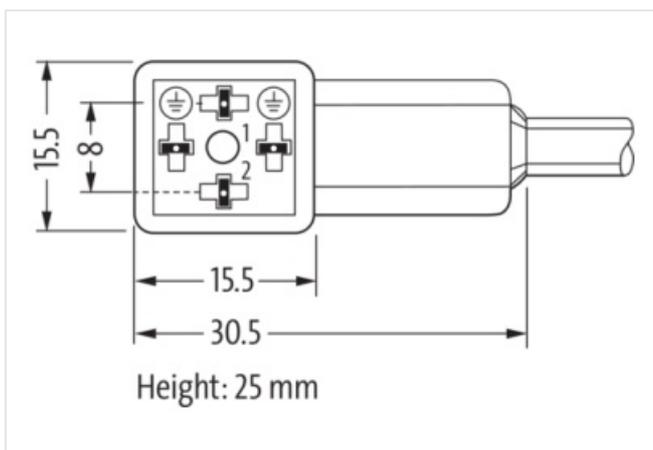
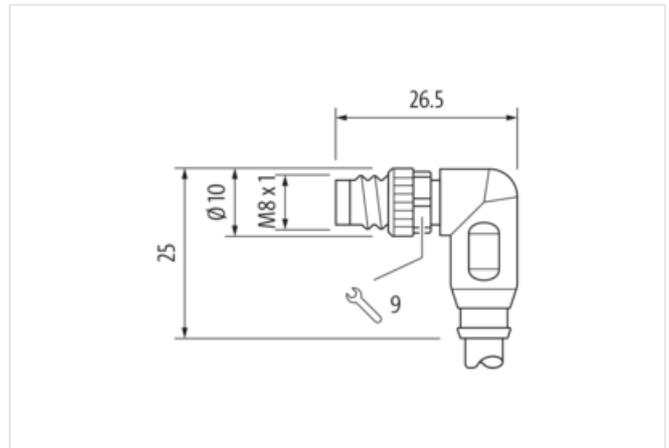
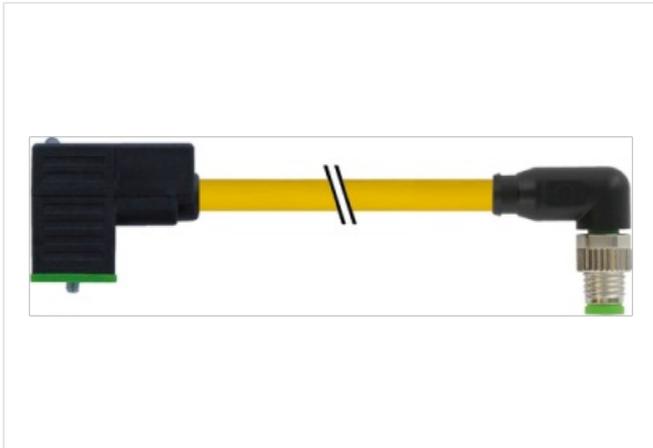
4-pole

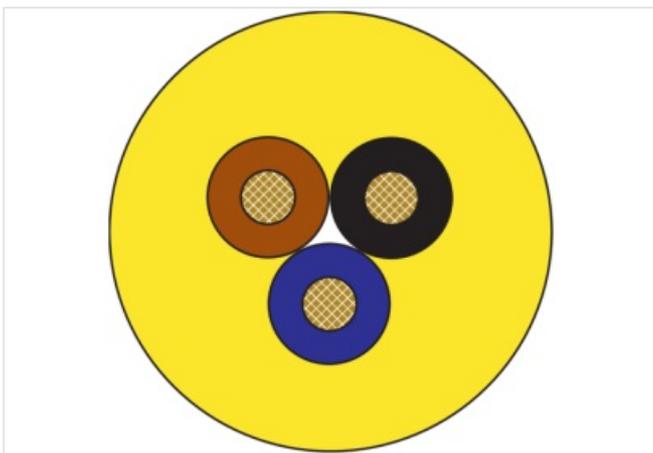
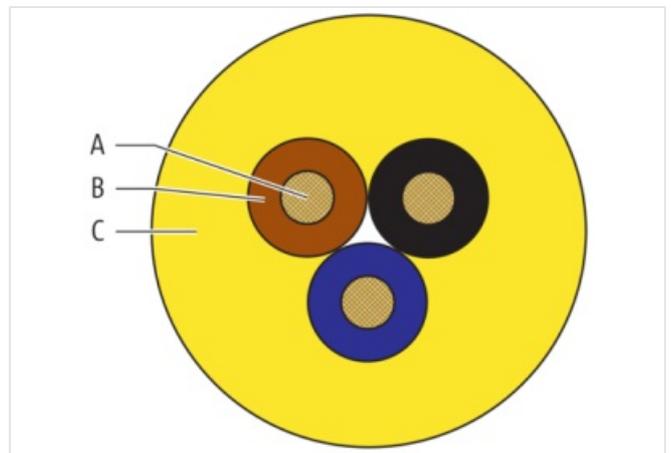
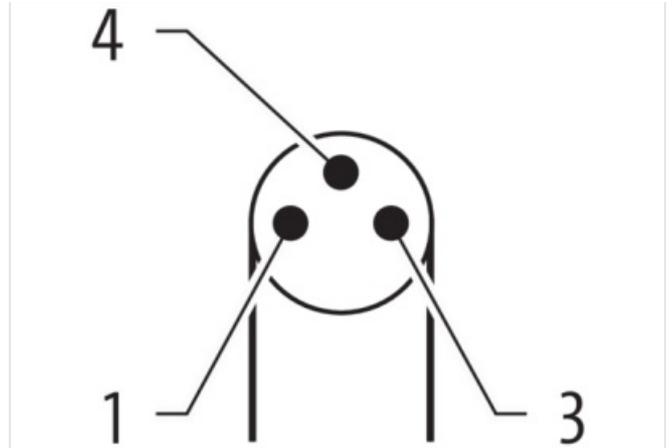
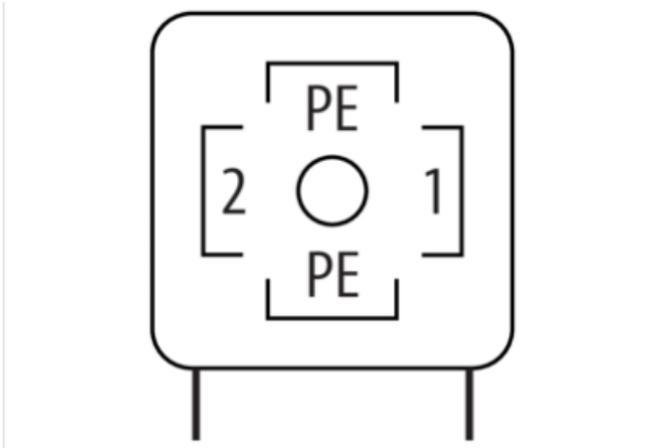
Z-Diode + LED

Art.No. 7005 - M8 Lite - (plastic hexagonal screw) on request

Further cable lengths on request.

Plastic housings with good resistance against chemicals and oils.

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



Product may differ from Image



**Header**

Material short text MSTL3-I-T013\_0.6

Cable length 0,60 m

**Side 1**

Family construction form	M8
No. of poles	4
Mounting method	inserted, screwed
Threaded hole	M8 x 1
Tightening torque	0,4 Nm
Width across flats	SW9
suitable for corrugated tube (internal Ø)	6,5 mm
Material	PUR
Material contact	Copper alloy
Coating contact	gold plated
Degree of protection (EN IEC 60529)	IP65, IP67

**Side 2**

Family construction form	Valve connector form C
No. of poles	4
Mounting method	inserted, screwed
Threaded hole	M2.5
Tightening torque	0,4 Nm
Material	PBT
Material contact	Copper alloy
Coating contact	silver-plated
Degree of protection (EN IEC 60529)	IP65, IP67

**Commercial data**

URL Webshop	<a href="https://shop.murrelektronik.com/7000-88451-0130060">https://shop.murrelektronik.com/7000-88451-0130060</a>
GTIN	4048879119337
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	4048879119337
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 operating per contact max.	4 A
Cut-off peak voltage max.	55 V
Current consumption max.	15 mA

#### Diagnostics

Status indication LED	yellow
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#### Device protection | Electrical

Degree of protection (EN IEC 60529)	IP67, IP65
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Additional suppressor	LED, Z-Diode
Rated surge voltage	0,8 kV
Material group (IEC 60664-1)	I

#### Mechanical data | Material data

Material housing	Plastic
Color housing	black
Locking material	Brass
Coating locking	nickel plated
Material gasket	PUR

#### Mechanical data | Mounting data

Mounting method	inserted, screwed
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#### 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	<b>Attention:</b> 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 61076-2-114 (M8)
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#### Installation | Cable

Cable identification	013
Cable Type	1
Amount stranding	1
Stranding	3 wires stranded
Wire arrangement	brown, black, blue
Cable weight	31 g/m
Material wire insulation	PVC
Amount wires	3
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	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	19
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,34 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
Outer-diameter (jacket)	4,6 mm
Tolerance outer diameter (sheath)	± 5 %

Material jacket	PVC
Shore hardness jacket	85 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Material property (jacket)	good machinability
Conductor resistance (wire)	57 Ω/km @ 20 °C
Nominal voltage 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 max. (wire)	6 A
Operating temperature min. (static)	-30 °C
Operating temperature max. (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