

M8 male 0° A-cod. / MSUD valve plug CI-9.4mm small

PVC 3x0.34 ye UL/CSA 2m

Art.No.: 7000-88415-0130200

Weight: 0.090 kg

Country of origin: CZ

Model designation: MSRL3-H-P013_2.0

MSUD

Form CI (9.4mm) - M8, male straight

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

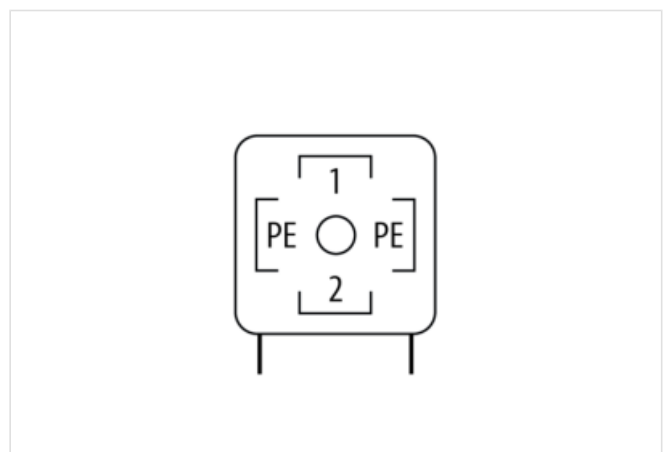
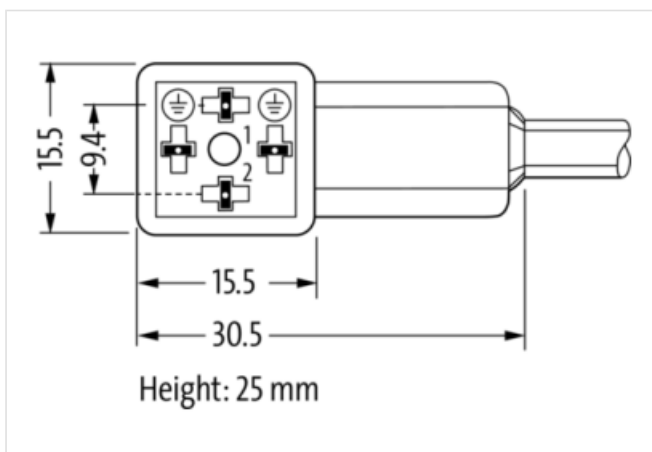
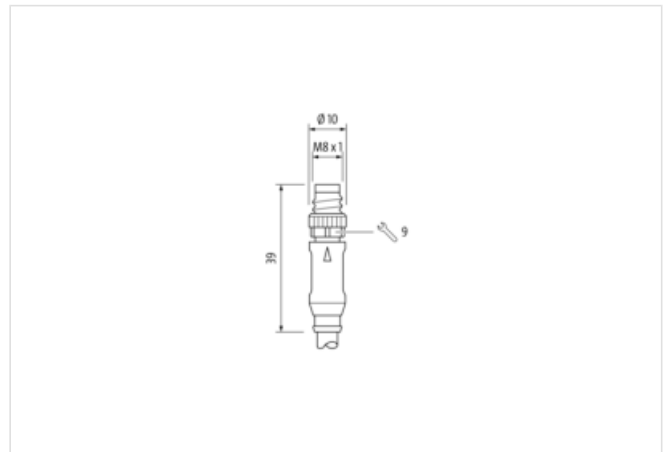
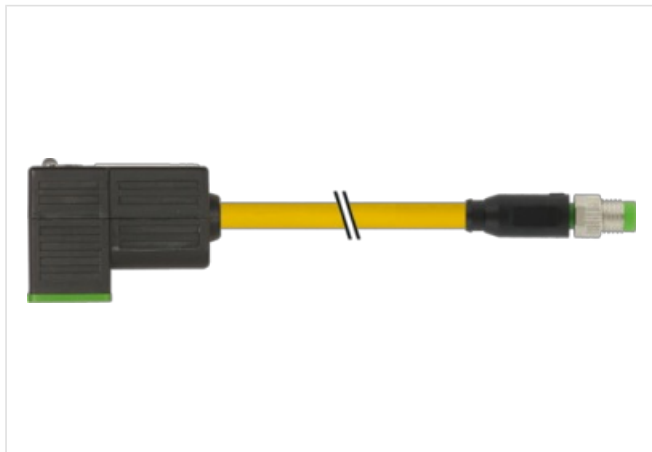
2-pole used

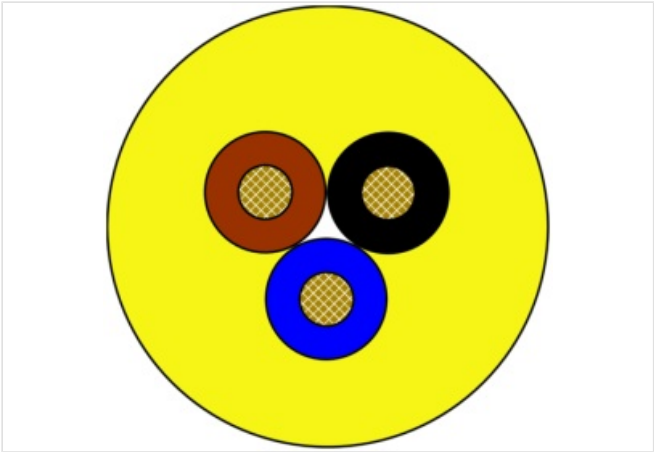
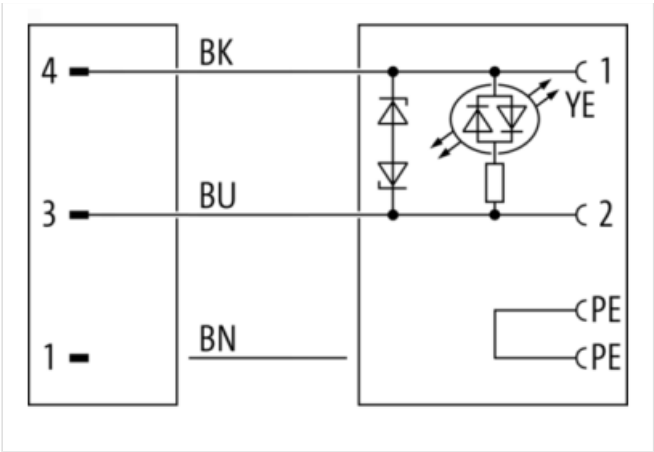
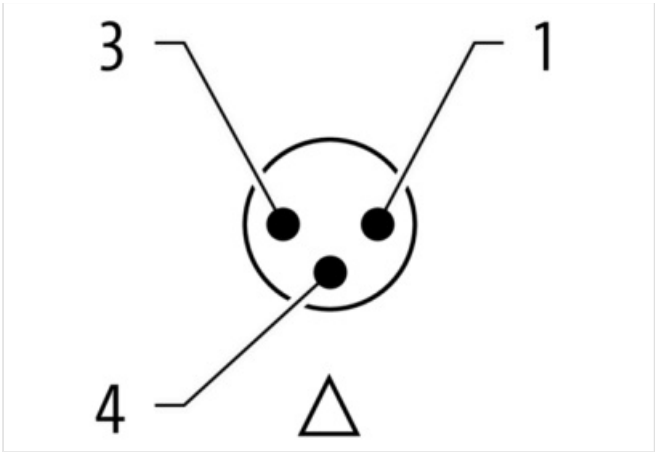
LED and suppression

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



Cable length	2,00 m
Side 1	
Family construction form	M8
No. of poles	3
Mounting method	pluggable, 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
Degree of protection (EN IEC 60529)	IP65, IP67
Side 2	
Family construction form	Valve connector form CI
No. of poles	4
Mounting method	inserted, screwed
Threaded hole	M3x31
Tightening torque	0,4 Nm
Material	PBT

Degree of protection (EN IEC 60529) IP65, IP67

Commercial data

URL Webshop	https://shop.murrelektronik.com/7000-88415-0130200
GTIN	4048879120166
Customs tariff number	85444290
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	4048879120166
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 max.	30 V
Current operating per contact max.	4 A
Cut-off peak voltage max.	55 V

Diagnostics

Status indication LED yellow

Device protection | Electrical

Degree of protection (EN IEC 60529)	IP67, IP68, IP66K, 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

housing	Plastic
Color housing	black
Locking material	Zinc die-casting
Coating locking	Nickel

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

Stranding 1 × 3 wires stranded

Wire arrangement BN, BK, BU

Material wire insulation PVC

Amount wires 3

Outer diameter insulation 1.25 mm ± 0.05 mm

Conductor crosssection (wire) 0,34 mm²

Material conductor wire Stranded copper wire, bare

Core construction (wire) 19 × 0.15 mm

Material properties wire insulation good machinability

Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free

Material jacket PVC

Outer-diameter (jacket) 4.6 mm ± 5 %

Jacket Color yellow / RAL 1021

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 max. (wire) 6 A

Current load capacity (standard) to DIN VDE 0298-4

Operating temperature (static) -30 °C ... 80 °C

Operating temperature (dynamic) -5 °C ... 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

Notes application-related testing

Bending radius (fixed) 5 × Outer diameter

Bending radius (dynamic) 10 × Outer diameter