

M8 male 0° A-cod. / MSUD valve plug BI-11mm

PVC 3x0.34 bk UL/CSA 1m

Form BI (11 mm)

Male M8

straight

50 V AC/60 V DC, M8 (3-pole)

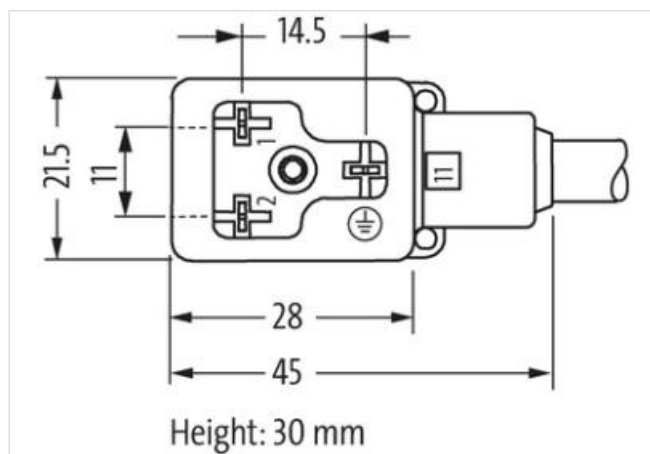
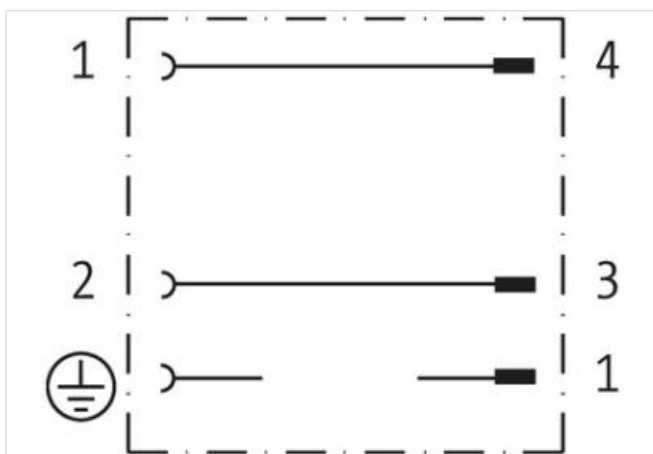
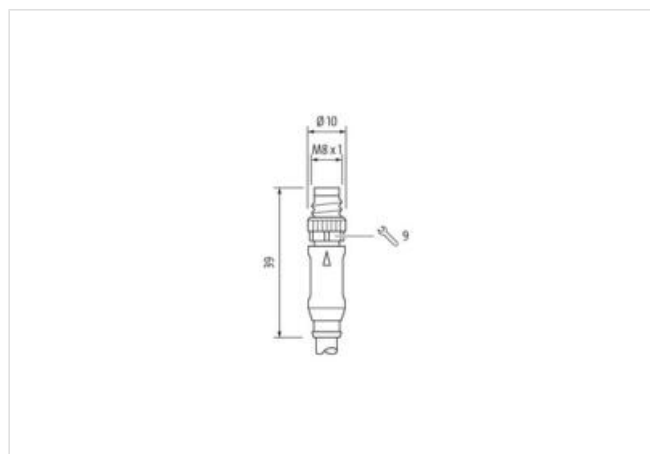
3-pole

without components

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 naar het product](#)**Afbeelding**



Product van afwijken van afbeelding



Cable length	1 m
Side 1	
Tightening torque	0,4 Nm
Mounting method	inserted, screwed
Coating contact	silver-plated
Family construction form	MSUD
Thread	M3
suitable for corrugated tube (internal Ø)	6,5 mm
Material contact	Copper alloy
Material	PUR
No. of poles	3
Degree of protection (EN IEC 60529)	IP67
Side 2	
Tightening torque	0,4 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M8
Thread	M8 x 1
Material contact	Copper alloy
Material	PBT
No. of poles	3
Width across flats	SW9
Commerciële gegevens	
ECLASS-6.0	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ECLASS-10.1	27060312
ECLASS-11.1	27060312
ECLASS-12.0	27060312
ETIM-5.0	EC001855
Douane tarief nummer	85444290

GTIN 4048879676465

Verpakkingseenheid 1

Electrical data | Supply

Operating voltage AC max. 50 V
 Operating voltage DC max. 60 V
 Current operating per contact max. 4 A

Diagnostics

Status indication LED no

Device protection | Electrical

Degree of protection (ISO 20653:2013) IP66K
 Additional condition protection degree inserted, screwed
 Pollution Degree 3
 Rated surge voltage 1,5 kV
 Material group (IEC 60664-1) I

Mechanical data | Material data

Coating locking Nickeled
 Color housing black
 Material gasket PUR
 Material housing Plastic
 Locking material Zinc die-casting

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 strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
 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.

Conformity

Product standard DIN EN 61076-2-114 (M8)

Installation | Cable

Cable identification 613
 Cable Type 1
 Jacket Color black
 Type of Certificate cURus
 Amount stranding 1
 Stranding 3 wires twisted
 wire arrangement brown, black, blue
 Cable weight 34,1 g/m
 Material jacket PVC
 Shore hardness jacket 85 ± 5 Shore A
 Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free
 Outer-diameter (jacket) 4,6 mm
 Tolerance outer diameter (sheath) ± 5 %
 Material wire insulation PVC
 Amount wires 3
 Outer diameter insulation 1,25 mm
 Outer diameter tolerance core insulation ± 5 %
 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 ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	6 A
Electrical resistance line constant wire	57 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	80 °C
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter