

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

PVC 3x0.34 bk UL/CSA 0.6m

Form BI (11 mm)

Male M8

straight

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

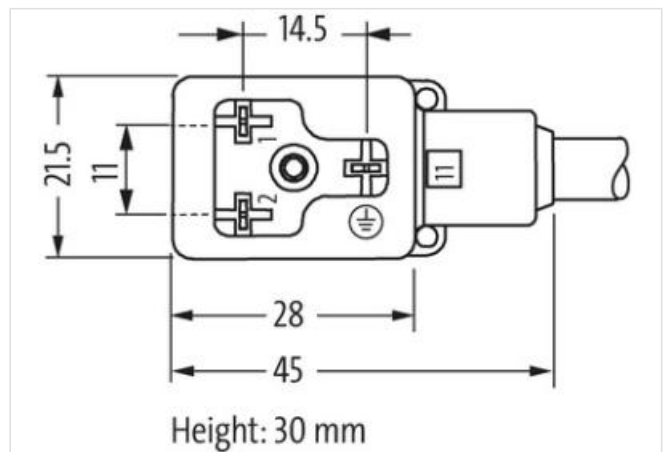
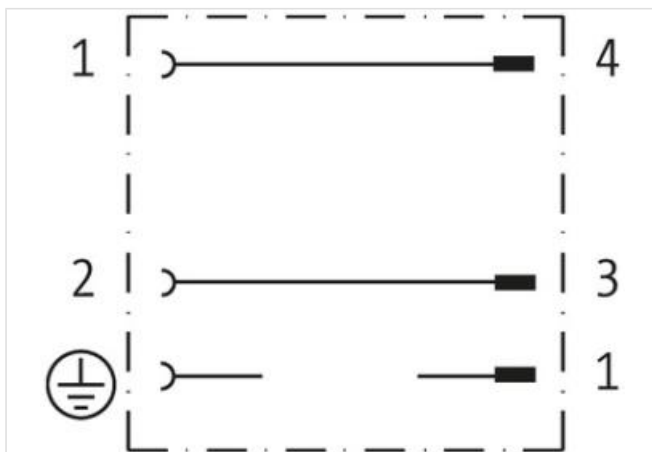
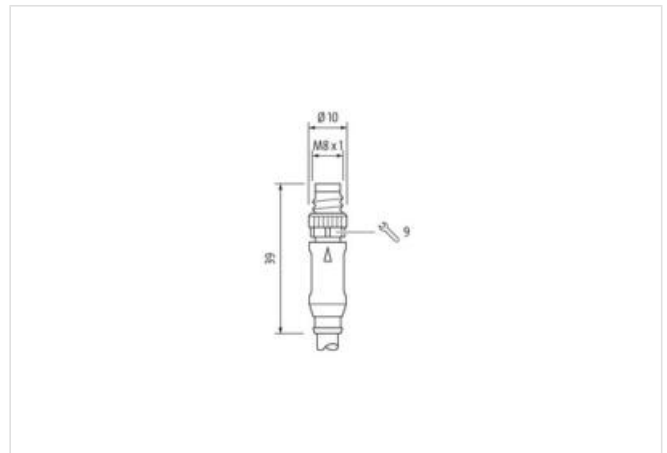
3-pole

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 to Product](#)**Illustration**



Product may differ from Image



Cable length	0,6 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
Commercial data	
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
customs tariff number	85444290

GTIN	4048879618977
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Packaging unit	1
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Electrical data | Supply

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

Status indication LED	no
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Device protection | Electrical

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

Coating locking	Nickel
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Color housing	black
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Material gasket	PUR
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Material housing	Plastic
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Locking material	Zinc die-casting
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Mechanical data | Mounting data

Mounting method	inserted, screwed
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Environmental characteristics | Climatic

Operating temperature min.	-25 °C
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Operating temperature max.	85 °C
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Additional condition temperature range	depending on cable quality
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Important installation notes

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

Product standard	DIN EN 61076-2-114 (M8)
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Installation | Cable

wire arrangement	brown, black, blue
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Cable identification	613
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Cable Type	1
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Jacket Color	black
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Type of Certificate	cURus
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Amount stranding	1
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Stranding	3 wires twisted
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wire arrangement	brown, black, blue
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Cable weight	34,1 g/m
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Material jacket	PVC
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Shore hardness jacket	85 ± 5 Shore A
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Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
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Outer-diameter (jacket)	4,6 mm
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Tolerance outer diameter (sheath)	± 5 %
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Material wire insulation	PVC
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Amount wires	3
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Outer diameter insulation	1,25 mm
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Outer diameter tolerance core insulation	± 5 %
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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 mm²
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