

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

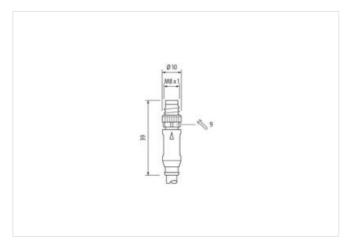
Further cable lengths on request.

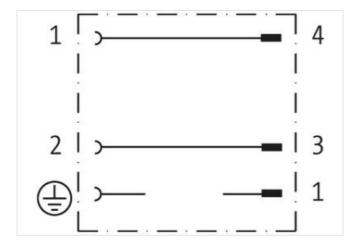
Plastic housings with good resistance against chemicals and oils.

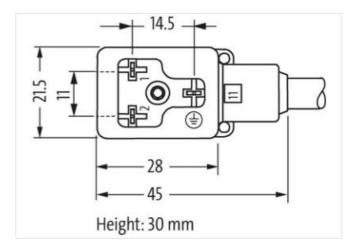
Link to Product

Illustration

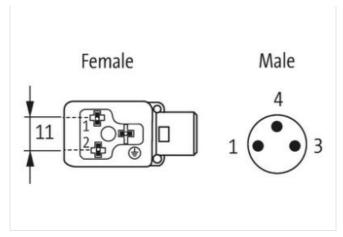












Product may differ from Image



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 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 contact Copper alloy Material script in the properties of the propert	Cable length	0,6 m
Mounting method inserted, screwed Coating contact silver-plated Family constructin form MSUD Thread MS 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 contact Copper alloy Material contact Supper alloy Material contact Supper alloy Material contact Copper alloy Material contact Super alloy Edcass 6.0 2 27279218 ECLASS 7.0 2 27279218 ECLASS 7.0 2 27279218 ECLASS 9.0 2 27279218 ECLASS 9.0 2 2760311 </td <td>Side 1</td> <td></td>	Side 1	
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 Tightening torque Mounting method inserted, screwed Coating contact gold plated Family construction form M8 Material M8 x 1 Material Copper alloy Material PBT No. of poles 3 Material PBT No. of poles 3 ECLASS - Glate 27279218 ECLASS - Glate 27279218 ECLASS - Glate 27279218 ECLASS - Glate 27279218 ECLASS - Glate 27060311 ECLASS - Glate 27060312 ECLASS - Glate 27060312 ECLASS - Glate 27060312 ECLASS - Glate 270603	Tightening torque	0,4 Nm
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-9.0 27060312 ECLASS-10.1 27060312 ECLASS-11.1 27060312 ECLASS-12.0 27060312 ETIMS.0 EC018S5	Mounting method	inserted, screwed
Thread M3 suitable for corrugated tube (internal Ø) 6,5 mm Material contact Copper alloy 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 width across flats SW9 Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060312 ECLASS-12.0 27060312 ECLASS-12.0 27060312 ETIMS-5.0 EC001855	Coating contact	silver-plated
suitable for corrugated tube (internal ∅) 6,5 mm Material contact Copper alloy 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 contact Copper alloy Mo. of poles 3 Width across flats SW9 Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060312 ECLASS-10.1 27060312 ECLASS-11.1 27060312 ECLASS-12.0 27060312 ETIM-5.0 EC001855	Family construction form	MSUD
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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-11.1 27060312 ECLASS-12.0 27060312 ETIM-5.0 EC01855	Material contact	Copper alloy
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 ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-9.0 27279218 ECLASS-9.0 27060311 ECLASS-9.1.1 27060312 ECLASS-11.1 27060312 ECLASS-12.0 27060312 ETIM-5.0 EC001855	Material	PUR
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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 EC01855	Degree of protection (EN IEC 60529)	IP67
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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	Family construction form	M8
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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 27790311 ECLASS-9.0 27060312 ECLASS-10.1 27060312 ECLASS-11.1 27060312 ECLASS-12.0 27060312 ECLASS-12.0 ECO1855	Material contact	Copper alloy
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 ECLASS-15.0 ECUNISS	Material	PBT
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	No. of poles	3
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	ECLASS-12.0	27060312
customs tariff number 85444290	ETIM-5.0	EC001855
	customs tariff number	85444290



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GTIN	4048879618977
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	50 V
Operating voltage DC max.	60 V
Current operating per contact max.	4 A
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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
	institut, sorowou
Environmental characteristics Climatic	
Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
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 weigth	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

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-04-23



Conductor crosssection (wire)	0,34 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
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
Nominal voltage power AC max.	300 V
Power frequency withstand voltage power (wire - jacket)	2 kV @ 60 s
AC withstand voltage power (wire - wire)	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