

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

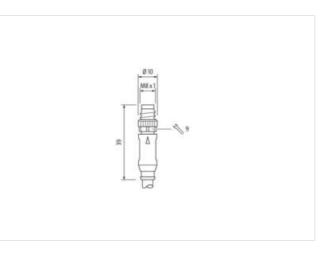
PVC 3x0.34 bk UL/CSA 0.6m

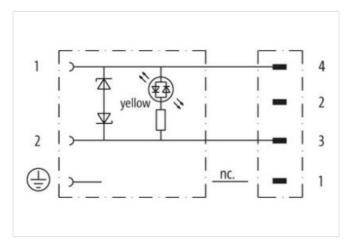
MSUD Further cable lengths on request. Form BI (11 mm) 3-pole Male M8 straight 4-pole 24 V AC ±20% / DC ±25% Z-Diode + LED Art-No. 7005 - M8 Lite - (plastic hexagonal screw) on request

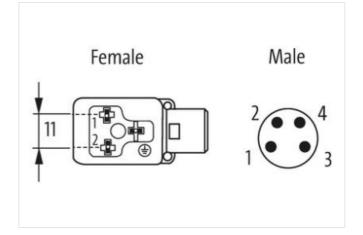
Link to Product

Illustration



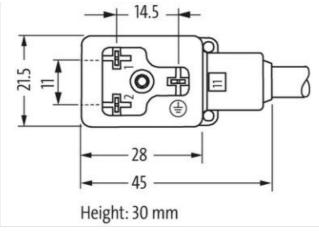






The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-21





Product may differ from Image



ThreadM3suitable for corrugated tube (internal Ø)6,5 mmMaterial contactCopper alloyMaterialPURNo. of poles3Side 2Image: SerewedTightening torque0,4 NmMounting methodinserted, screwedCoating contactgold platedFamily construction formM8ThreadM8 x 1Material contactCopper alloyMaterialPBT		
Tiphening torque 0.4 Nm Mounting method inserted, screwed Coating contact silver-plated Family construction form MSUD Thread M3 suitable for corrugated tube (internal 00) 6.5 mm Material contact Cooper alloy Material contact Cooper alloy Material contact PUP No. of poles 3 Side 2	Cable length	0,6 m
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 contact Copper alloy Material contact Opper alloy No. of poles 3 Side 2 Tightening torque Tightening torque 0,4 Nm Mounting method inserted, screwed Coating contact gold plated Family construction form M8 Material contact Copper alloy Moting across flats SW9 Coating contact 27279218 ECLASS-0.0 27279218 ECLASS-10.1 27060312 ECLASS-10.1 27060312 ECLASS-10.1 27060312 ECLASS-10.1	Side 1	
Coaling contact silver-plated Family construction form MSUD Thread M3 suitable for corrugated tube (internal Ø) 6.5 mm Material contact Copper alloy Material contact Copper alloy Material contact PUR No. of poles 3 Side 2	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 contact PUR No. of poles 3 Side 2	Mounting method	inserted, screwed
Thread M3 suitable for corugated tube (internal Ø) 6,5 mm Material PUR No. of poles 3 Side 2	Coating contact	silver-plated
suitable for corrugated tube (internal Ø) 6,5 mm Material contact Copper alloy Material contact PUR No. of poles 3 Side 2	Family construction form	MSUD
Material Copper alloy Material PUR No. of poles 3 Side 2 Tightening torque Mounting method inserted, screwed Coating contact gold plated Family construction form M8 Thread M8 x 1 Material PBT No. of poles 4 Width across flats SW9 Commercial data 27279218 ECLASS-R.0 27279218 ECLASS-R.0 27279218 ECLASS-R.0 27279218 ECLASS-R.0 27279218 ECLASS-R.0 27260311 ECLASS-R.0 27060312 ECLASS-R.0 27060312 ECLASS-R.1.1 27060312 ECLASS-R.1.2 27060312 ECLASS-R.2.0	Thread	M3
Material PUR No. of poles 3 Side 2	suitable for corrugated tube (internal Ø)	6,5 mm
No. of poles3Side 2Tightening torque0,4 NmMounting methodinserted, screwedCoating contactgold platedFamily construction formM8ThreadM8 x 1Material contactCopper alloyMaterialPBTNo. of poles4Width across flatsSW9Commercial data27279218ECLASS-6.027279218ECLASS-7.027279218ECLASS-9.027060311ECLASS-10.127060312ECLASS-11.127060312ECLASS-12.027060312ETIM-5.0ECON1855customs tariff number85444290GTIN4048879116527	Material contact	Copper alloy
Side 2Tightening torque0.4 NmMounting methodinserted, screwedCoating contactgold platedFamily construction formM8ThreadM8 x 1Material contactCopper alloyMaterialPBTNo. of poles4Width across flatsSW9ECLASS-6.027279218ECLASS-7.027279218ECLASS-8.027279218ECLASS-9.027060311ECLASS-10.127060312ECLASS-11.127060312ECLASS-12.027060312ETM-5.0EC001855customs tariff number8544290GTIN4048879116527	Material	PUR
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 4 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 ECLASS-12.0 27060312 ECLASS-12.0 27060312 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879116527	No. of poles	3
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 4 Width across flats SW9 Commercial data 27279218 ECLASS-6.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27279218 ECLASS-9.0 27260311 ECLASS-10.1 27060312 ECLASS-11.1 27060312 ECLASS-12.0 27060312 ECLASS-12.0 EC001855 customs tariff number 85444290 GTIN 4048879116527	Side 2	
Coating contact gold plated Family construction form M8 Thread M8 × 1 Material contact Copper alloy Material PBT No. of poles 4 Width across flats SW9 Commercial data 27279218 ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060312 ECLASS-11.1 27060312 ECLASS-12.0 27060312 ECLASS-12.0 27060312 ECLASS-12.0 27060312 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879116527	Tightening torque	0,4 Nm
Family construction form M8 Thread M8 x 1 Material contact Copper alloy Material PBT No. of poles 4 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-12.0 27060312 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879116527	Mounting method	inserted, screwed
Thread M8 x 1 Material contact Copper alloy Material PBT No. of poles 4 Width across flats SW9 Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-9.0 27060312 ECLASS-10.1 27060312 ECLASS-11.1 27060312 ECLASS-12.0 27060312 ECLASS-12.0 27060312 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879116527	Coating contact	gold plated
Material Copper alloy Material PBT No. of poles 4 Width across flats SW9 Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060312 ECLASS-11.1 27060312 ECLASS-12.0 27060312 ECLASS-12.0 27060312 ECLASS-12.0 27060312 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879116527	Family construction form	M8
Material PBT No. of poles 4 Width across flats SW9 Commercial data ECLASS-6.0 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 4048879116527	Thread	M8 x 1
No. of poles 4 Width across flats SW9 Commercial data E 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 4048879116527	Material contact	Copper alloy
Width across flats SW9 Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 27279218 ECLASS-8.0 27279218 27279218 ECLASS-9.0 27060311 27060312 ECLASS-10.1 27060312 27060312 ECLASS-11.1 27060312 27060312 ECLASS-12.0 27060312 27060312 ETIM-5.0 EC001855 27060312 GTIN 4048879116527 4048879116527	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 customs tariff number 85444290 GTIN 4048879116527	No. of poles	4
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 4048879116527	Width across flats	SW9
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 4048879116527	Commercial data	
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 8544290 GTIN 4048879116527	ECLASS-6.0	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 4048879116527	ECLASS-7.0	27279218
ECLASS-10.1 27060312 ECLASS-11.1 27060312 ECLASS-12.0 27060312 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879116527	ECLASS-8.0	27279218
ECLASS-11.1 27060312 ECLASS-12.0 27060312 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879116527	ECLASS-9.0	27060311
ECLASS-12.0 27060312 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879116527	ECLASS-10.1	27060312
ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879116527	ECLASS-11.1	27060312
customs tariff number 85444290 GTIN 4048879116527	ECLASS-12.0	27060312
GTIN 4048879116527	ETIM-5.0	EC001855
	customs tariff number	85444290
Packaging unit 1	GTIN	4048879116527
	Packaging unit	1

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: 2024-05-21



Electrical data | Supply

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
Cut-off peak voltage max.	55 V
Current operating per contact max.	4 A
Current consumption max.	15 mA
Diagnostics	
Status indication LED	yellow
Device protection Electrical	
Degree of protection (EN IEC 60529)	IP65, IP67
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	0,8 kV
Material group (IEC 60664-1)	
Additional suppressor	Diode, Z-Diode
Mechanical data Material data	
	Niekoled
Coating locking	Nickeled
Color housing	black PUR
Material gasket	
Material housing	Plastic Ziegodia posting
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	
	brown, black, blue
Cable identification	613
Cable Type	1 black
Jacket Color	black
Type of Certificate	cURus
Amount stranding	1 2 wires twisted
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

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: 2024-05-21



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)	0° C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	0° 08
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

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: 2024-05-21