

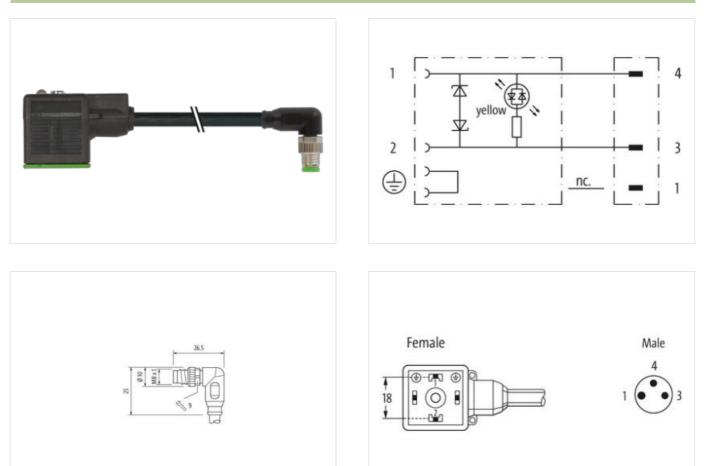
M8 male 90° A-cod. / MSUD valve plug A-18mm

PVC 3x0.34 bk UL/CSA 1m

MSUD Further cable lengths on request. Form A (18 mm) 4-pole Male M8 90° 3-pole 24 V AC ±20% / DC ±25% Z-Diode + LED Art-No. 7005 - M8 Lite - (plastic hexagonal screw) on request

Link to Product

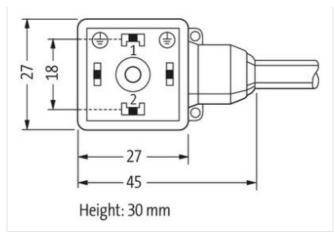
Illustration



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Product may differ from Image



Cable length1 mSide 1Tightening torque0,4 NmMounting methodinserted, screwedCoating contactsilver-platedFamily construction formMSUDThreadM3suitable for corrugated tube (internal Ø)6,5 mmMaterial contactCopper alloyMaterialPURNo. of poles4Side 2Tightening torque0,4 NmMounting methodinserted, screwedCoating contactgold platedFamily construction formM8Tightening torque0,4 NmMounting methodinserted, screwedCoating contactgold platedFamily construction formM8ThreadM8 x 1MaterialPBTNo. of poles3With across flatsSW9Commercial data27279218ECLASS-0.027279218ECLASS-10.127060312ECLASS-11.127060312ECLASS-12.027060312ETMMS.0Econ 855		
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Family construction formMSUDThreadM3suitable for corrugated tube (internal Ø)6.5 mmMaterial contactCopper alloyMaterialPURNo. of poles4Side 2Tightening torqueTightening torque0.4 NmMounting methodinserted, screwedCoating contactgold platedFamily construction formM8ThreadM8 x 1MaterialPBTNo. of poles3Width across flatsSW9Commercial data27279218ECLASS-8.027279218ECLASS-9.027060311ECLASS-10.127060312ECLASS-12.027060312	Mounting method	inserted, screwed
ThreadM3suitable for corrugated tube (internal Ø)6,5 mmMaterial contactCopper alloyMaterialPURNo. of poles4Side 2Tightening torque0,4 NmMouning methodinserted, screwedCoating contactgold platedFamily construction formM8ThreadM8 x 1MaterialPBTNo. of poles3Width across flatsSW9Commercial data27279218ECLASS-R.027279218ECLASS-R.027279218ECLASS-R.027279218ECLASS-R.0.127060311ECLASS-10.127060312ECLASS-12.027060312	Coating contact	silver-plated
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No. of poles 4 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 27279218 ECLASS-6.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060312 ECLASS-11.1 27060312	Material contact	Copper alloy
Side 2Tightening torque0.4 NmMounting methodinserted, screwedCoating contactgold platedFamily construction formM8ThreadM8 x 1Material contactCopper alloyMaterialPBTNo. of poles3Width across flatsSW9Commercial dataECLASS-6.027279218ECLASS-7.027279218ECLASS-8.027279218ECLASS-9.027060311ECLASS-10.127060312ECLASS-11.127060312ECLASS-12.027060312	Material	PUR
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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	Mounting method	inserted, screwed
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Material contact Copper alloy Material PBT No. of poles 3 Width across flats SW9 Commercial data ECLASS-6.0 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060312 ECLASS-11.1 27060312 ECLASS-12.0 27060312	Family construction form	M8
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Width across flats SW9 Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 ECLASS-8.0 27279218 ECLASS-9.0 ECLASS-9.0 27060311 ECLASS-10.1 ECLASS-11.1 27060312 ECLASS-11.1 ECLASS-12.0 27060312 ECLASS-12.0	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	No. of poles	3
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	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	Commercial data	
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ECLASS-9.0 27060311 ECLASS-10.1 27060312 ECLASS-11.1 27060312 ECLASS-12.0 27060312	ECLASS-7.0	27279218
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ECLASS-12.0 27060312	ECLASS-10.1	27060312
	ECLASS-11.1	27060312
ETIM-5.0 EC001855	ECLASS-12.0	27060312
	ETIM-5.0	EC001855
customs tariff number 85444290	customs tariff number	85444290
GTIN 4048879117937	GTIN	4048879117937
Packaging unit 1	Packaging unit	1

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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	
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.	-25 °C 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	
wire arrangement	brown, black, blue
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

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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° 08
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

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