

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

PUR 3x0.34 bk UL/CSA+drag ch. 0.3m

Art.No.: 7000-88781-6330030

Weight: 0.047

Country of origin: CZ

Model designation: MSLL3-H-R633_0.3

MSUD

Plastic housings with good resistance against chemicals and oils.

Form BI (11 mm)

Male M8

straight

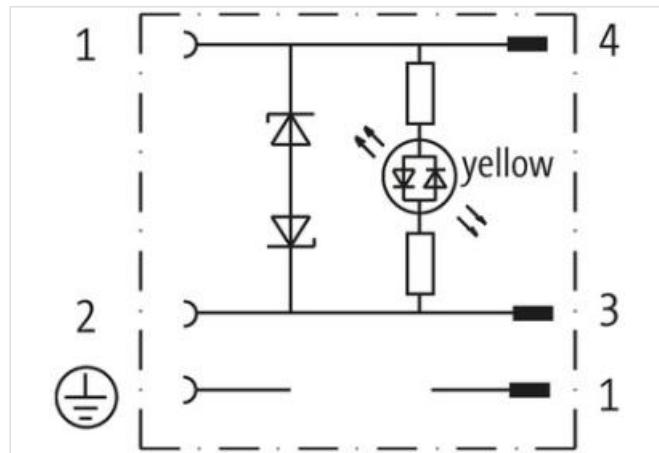
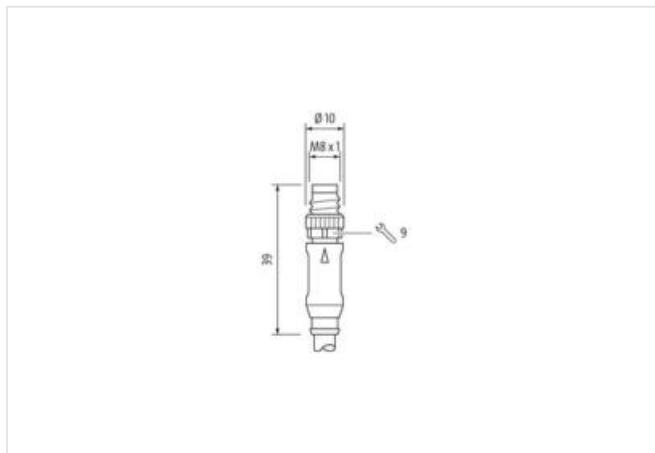
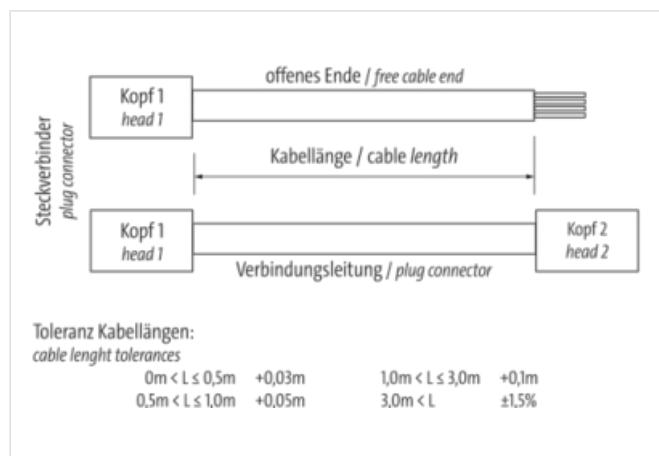
24 V AC $\pm 20\%$ / DC $\pm 25\%$

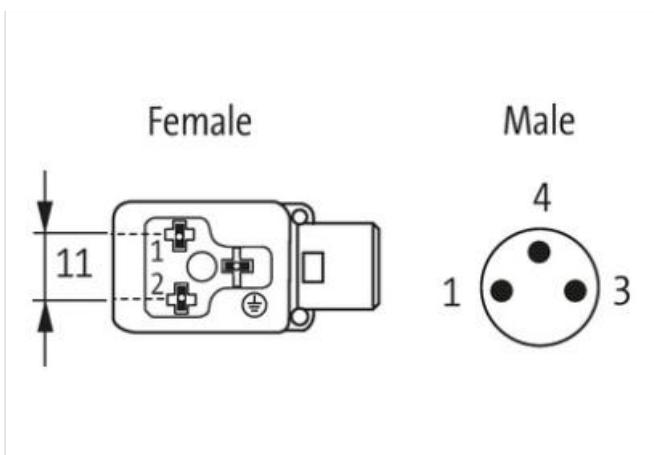
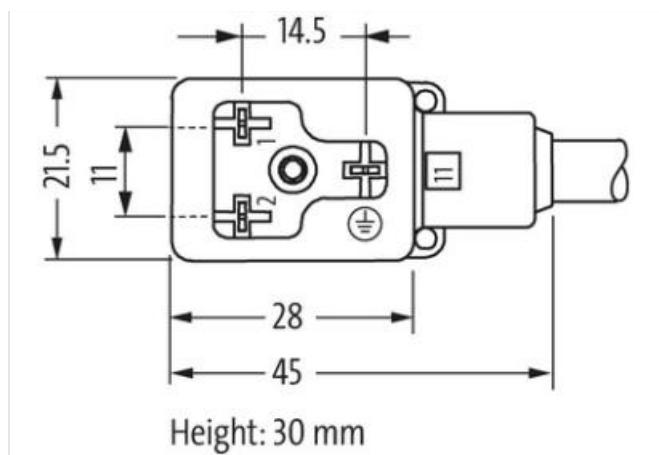
3-pole

Z-Diode + LED

Art-No. 7005 - M8 Lite - (plastic hexagonal screw) on request

Further cable lengths on request.

[Link to Product](#)**Illustration**



Product may differ from Image



Cable length 0,3 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

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

ECCLASS-6.0	27279221
ECCLASS-7.0	27440104
ECCLASS-8.0	27440104
ECCLASS-9.0	27440102
ECCLASS-10.1	27060312
ECCLASS-11.1	27060312
ECCLASS-12.0	27060312
ETIM-5.0	EC001855
customs tariff number	85444290
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EAN	4048879116688

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: 2025-11-04

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EAN	4048879116688
Packaging unit	1
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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)	I
Additional suppressor	Diode, Z-Diode
Mechanical data Material data	
Material housing	Plastic
Color housing	black
Coating locking	Nickel
Material gasket	PUR
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	
wire arrangement	brown, black, blue
Cable identification	633
Cable Type	3
Jacket Color	black
Type of Certificate	cURus
Amount stranding	1
Stranding	3 wires twisted
wire arrangement	brown, black, blue
Cable weight	29,7 g/m
Material jacket	PUR

Shore hardness jacket	90 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	4,1 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PP
Amount wires	3
Outer diameter insulation	1,25 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	70 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	42
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,34 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
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)	2,5 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2,5 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2
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
No. of bending cycles (C-track)	10 Mio. @ 25 °C
Traversing distance (C-track)	10 m @ 25 °C horizontal
Travel speed (C-track)	3 m/s @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min