

M8 male 90° A-cod. / MSUD valve plug BI-11mm

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

MSUD

Plastic housings with good resistance against chemicals and oils.

Form BI (11 mm)

Male M8

90°

24 V AC ±20% / DC ±25%

3-pole

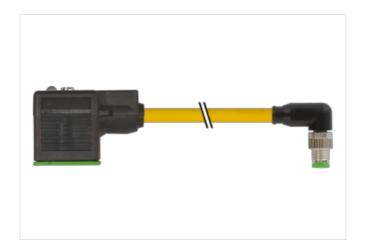
Z-Diode + LED

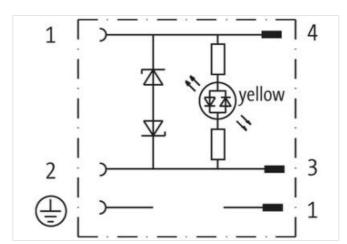
Art-No. 7005 - M8 Lite - (plastic hexagonal screw) on request

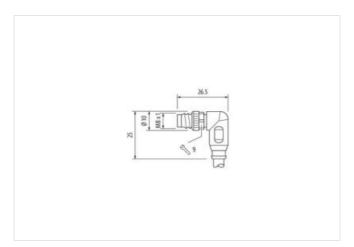
Further cable lengths on request.

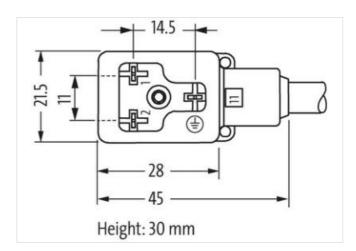
Link to Product

Illustration

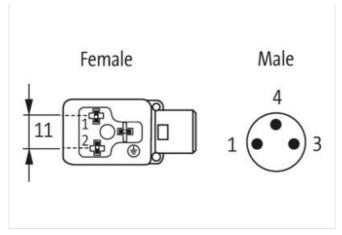












Product may differ from Image



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 \emptyset)	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		
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	4048879116381	
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: 2024-04-28



stay connected

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	and the determina			
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			
Conformity				
Product standard	DIN EN 61076-2-114 (M8)			
Installation Cable				
Cable identification	033			
Cable Type	3			
Jacket Color	yellow			
Type of Certificate	cURus			
Amount stranding	1			
Amount stranding Stranding	3 wires twisted			
Stranding wire arrangement	3 wires twisted brown, black, blue			
Stranding wire arrangement No. of bending cycles (C-track)	3 wires twisted brown, black, blue 10 Mio. @ 25 °C			
Stranding wire arrangement No. of bending cycles (C-track) Cable weigth	3 wires twisted brown, black, blue			
Stranding wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket	3 wires twisted brown, black, blue 10 Mio. @ 25 °C 29,7 g/m			
Stranding wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket	3 wires twisted brown, black, blue 10 Mio. @ 25 °C 29,7 g/m PUR 90 ± 5 Shore A			
Stranding wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket)	3 wires twisted brown, black, blue 10 Mio. @ 25 °C 29,7 g/m PUR			
Stranding wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket)	3 wires twisted brown, black, blue 10 Mio. @ 25 °C 29,7 g/m PUR 90 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free			
Stranding wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath)	3 wires twisted brown, black, blue 10 Mio. @ 25 °C 29,7 g/m PUR 90 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free 4,1 mm ± 5 %			
Stranding wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation	3 wires twisted brown, black, blue 10 Mio. @ 25 °C 29,7 g/m PUR 90 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free 4,1 mm ± 5 % PP			
Stranding wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath)	3 wires twisted brown, black, blue 10 Mio. @ 25 °C 29,7 g/m PUR 90 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free 4,1 mm ± 5 %			



				July commercial
Outer diameter tolerance core insulation	± 5 %			

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			
Traversing distance (C-track)	10 m @ 25 °C horizontal			
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)	2,5 kV @ 60 s			
AC withstand voltage power (wire - wire)	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			
Flame resistance	UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2			
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 torsion cycles	2 Mio.			
Torsion speed	35 cycles/min			
Torsion stress	± 180 °/m			