

M12 male 0° / MSUD valve plug A-18mm

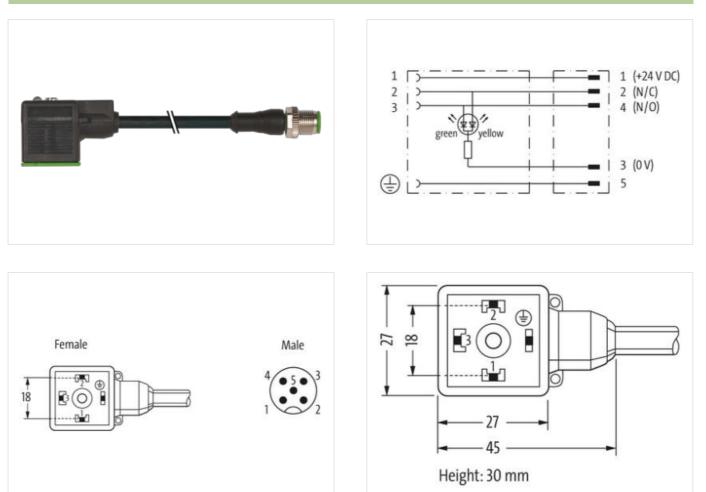
PVC 5x0.34 bk UL/CSA 1m

MSUD

The resistance to aggressive media should be individually tested for your application. Further details on request. Form A (18 mm) – M12, male straight 24 V DC ±25% LED (yellow/green) for pressure switches Attention: Contact carrier turned to 180°! Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request Further cable lengths on request. Plastic housings with good resistance against chemicals and oils.

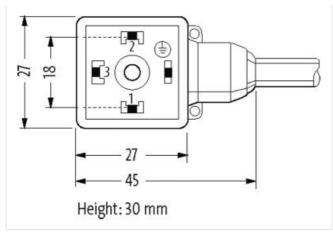
Link to Product

Illustration



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Product may differ from Image



Cable length1 mSide 1Side 1Tightening torque0.4 NmFamily construction formMSUDTreadM3MaterialPURDegree of protection (EN IEC 60529)IP67Side 2Image of protection (EN IEC 60529)Image of protection (EN IEC 60529)Tightening torque0.6 NmFamily construction formM12TireadM12 xSide 10Image of protection (EN IEC 60529)UnderstandPBTSide 20Image of protection (EN IEC 60529)Operator formSW13Degree of protection (EN IEC 60529)IP67Commercial data27279218ECLASS-6.027279218ECLASS-6.027279218ECLASS-10.127060312ECLASS-10.127060312ECLASS-10.127060312ECLASS-10.127060312ECLASS-11.127060312ECLASS-12.027060312ECLASS-13.127060312ECLASS-14.127060312ECLASS-15.0ECO01855custom tariff number8444290Gating unit1Etertical (ISUppt)Operating voltage DC max.30 VOperating voltage DC max.30 V		
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Operating voltage DC min. 18 V Operating voltage DC max. 30 V	Electrical data Supply	
Operating voltage DC max. 30 V		24 V
	Operating voltage DC min.	18 V
Current operating per contact max. 4 A	Operating voltage DC max.	30 V
	Current operating per contact max.	4 A

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Current consumption max.	15 mA
Diagnostics	
Status indication LED	green, yellow
Device protection Electrical	g, j
•	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	0,8 kV
Material group (IEC 60664-1)	1
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.	85 °C
Additional condition temperature range	depending on cable quality
Installation Cable	
Cable identification	615
Cable Type	1
Jacket Color	black
Type of Certificate	cURus
Amount stranding	1
Stranding	5 wires around Core filler twisted
Filler	yes
wire arrangement	brown, black, blue, white, green-yellow
Cable weigth	48,4 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)	5,2 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PVC
Amount wires	5
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
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,5 A
Electrical resistance line constant wire	57 Ω/km @ 20 °C
	300 V

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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	DIN EN 60811-404 Good, application-related testing
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter

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