

SUMMARY

Wires

Low voltage 10

Series 3V
Termination type Male solder
IP rating 68
AWG wire size 28.00 - 20.00
Cable Ø 7.10 - 7.50 mm
Status active
Matching parts [EVP.3V.310.CLL](#)



Image is for illustrative purpose only

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TECHNICAL DETAILS

Mechanics

Shell Style/Model FVN*: Straight plug, cable collet and nut for fitting a bend relief
Keying Hermaphroditic keying (half moon insert) with male pin 1
Housing Material Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
Variant Z : Nut for fitting a bend relief
Weight 93.94 g

Performance

Configuration 3V.310 : 10 Low Voltage
Insulator
Rated Current 9 Amps

Specifications

Contact Type: Solder
Contact Dia.: 1.3 mm (0.051in)
Bucket Dia.: 1 mm (0.039in)
Max. Solid Conductor: 0.5 mm² (AWG 20)
Max. Stranded Conductor: 0.5 mm² (AWG 20)
R (max): 3.6 mOhm

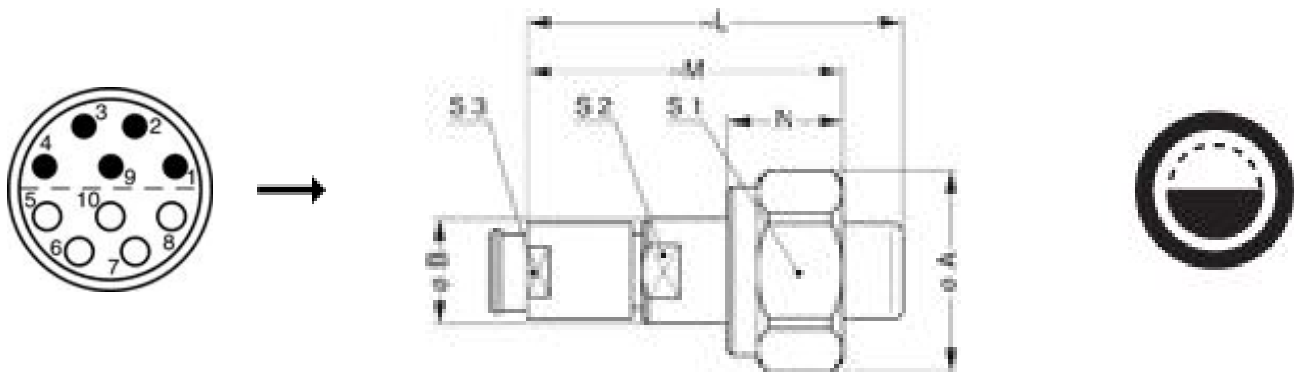
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Vtest: 1000 V (AC), 1500 V (DC)

Others

Endurance (Shell): 1000 mating cycles
Temp (min / max): -20°C / +200°C
Climatical Category: 20/200/21
Shielding (min): 95 dB (10 MHz)
Shielding (min): 80 dB (1 GHz)
Salt Spray Corrosion: >1000 hr
Pressure: 30 bars

DRAWINGS



Dimensions

	A	B	L	M	N	S1	S2	S3
mm.	27.8	18	60	47	16.5	26	16	15
in.	1,09	0,71	2,36	1,85	0,65	1,02	0,63	0,59

RECOMMENDED BY LEMO

Tools

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Cables

110220	PVC	Black	
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