

## SUMMARY

### # Wires

Low voltage 6



*Image is for illustrative purpose only*

Series	1V
Termination type	Male solder
IP rating	68
AWG wire size	32.00 - 24.00
Cable Ø	4.60 - 5.00 mm
Status	active
Matching parts	<a href="#">EVP.1V.306.CLL</a>

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	FVN*: Straight plug, cable collet
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
Weight	31.29 g

### Performance

Configuration	1V.306 : 6 Low Voltage
Insulator	
Rated Current	7 Amps

### Specifications

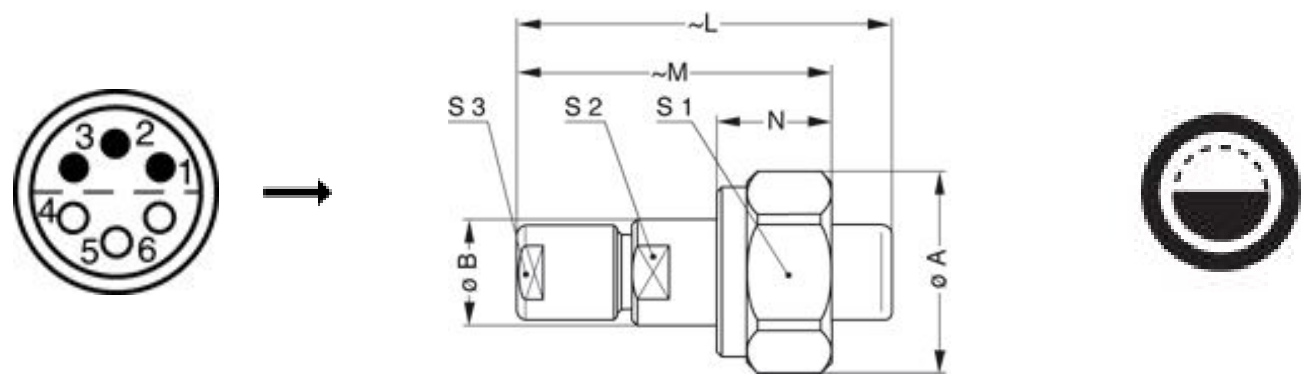
Contact Type: Solder  
Contact Dia.: 0.7 mm (0.028in)  
Bucket Dia.: 0.6 mm (0.024in)  
Max. Solid Conductor: 0.25 mm<sup>2</sup> (AWG 24)  
Max. Stranded Conductor: 0.14 mm<sup>2</sup> (AWG 26)  
R (max): 6.1 mOhm  
Vtest: 1500 V (AC), 2100 V (DC)

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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.	19.3	12	43	35	14	18	10	9
in.	0,76	0,47	1,69	1,38	0,55	0,71	0,39	0,35

RECOMMENDED BY LEMO

Tools

Cables

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160140	PVC	Grey	
6280	PVC	Black	

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