

## SUMMARY

### # Wires

Low voltage 2

Series 2V  
Termination type Male solder  
IP rating 68  
AWG wire size 16.00 - 16.00  
Cable Ø 6.60 - 7.00 mm  
Status active  
Matching parts [EVP.2V.302.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 57.62 g

### Performance

Configuration 2V.302 : 2 Low Voltage  
Insulator  
Rated Current 20 Amps

### Specifications

Contact Type: Solder  
Contact Dia.: 1.6 mm (0.063in)  
Bucket Dia.: 1.4 mm (0.055in)  
Max. Solid Conductor: 1 mm<sup>2</sup> (AWG 16)  
Max. Stranded Conductor: 1 mm<sup>2</sup> (AWG 18)  
R (max): 3.5 mOhm

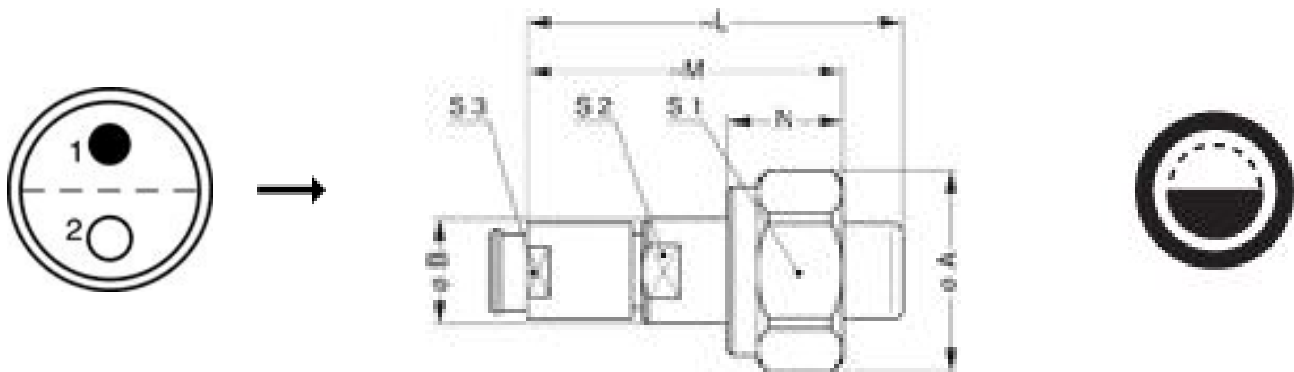
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Vtest: 1700 V (AC), 2400 V (DC)

## 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.	23.5	16	52	42	15.5	22	14	12
in.	0,93	0,63	2,05	1,65	0,61	0,87	0,55	0,47

## RECOMMENDED BY LEMO

### Tools

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