

## SUMMARY

### # Wires

Low voltage 16



*Image is for illustrative purpose only*

Series	1W
Termination type	Male solder
IP rating	68
AWG wire size	34.00 - 28.00
Cable Ø	6.60 - 7.00 mm
Status	active
Matching parts	<a href="#">EVG.1W.316.CLL</a>

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	FV_/K*: Straight plug, oversize cable collet
Keying	1 key (alpha=0; Plug: male contacts; Receptacle: female contacts)
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	44.01 g

### Performance

Configuration	1W.316 : 16 Low Voltage
Insulator	
Rated Current	1.5 Amps

### Specifications

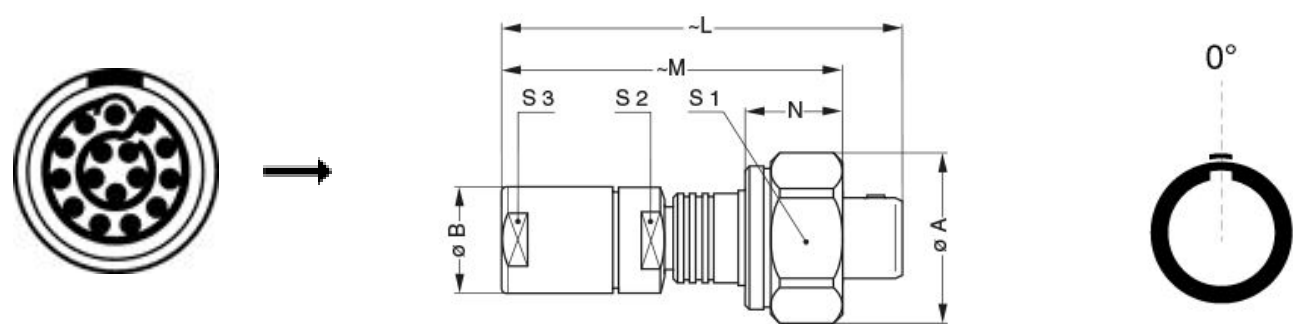
Contact Type: Solder  
 Contact Dia.: 0.5 mm (0.02in)  
 Bucket Dia.: 0.45 mm (0.018in)  
 Max. Solid Conductor: 0.09 mm<sup>2</sup> (AWG 28)  
 Max. Stranded Conductor: 0.09 mm<sup>2</sup> (AWG 28)  
 R (max): 8.7 mOhm  
 Vtest (contact-contact): 800 V (AC) 1100 V (DC)  
 Vtest (contact-shell): 1250 V (AC) 1800 V (DC)

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Others

- Endurance (Shell): 1000 mating cycles
- Temp (min / max): -20°C / +200°C
- Humidity (max): <=95% [at 60 deg C / 140 F]
- 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	14.5	56.5	48.3	14	18	12	12
in.	0,76	0,57	2,22	1,90	0,55	0,71	0,47	0,47

RECOMMENDED BY LEMO

Tools

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Cables

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