

## SUMMARY

### # Wires

Low voltage 12



*Image is for illustrative purpose only*

Series 3W  
Termination type Male solder  
IP rating 68  
AWG wire size 22.00 - 22.00  
Cable Ø 14.10 - 15.00 mm  
Status active  
Matching parts [HVG.3W.312.CLLP](#)

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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 121.76 g

### Performance

Configuration 3W.312 : 12 Low Voltage  
Insulator  
Rated Current 9 Amps

### Specifications

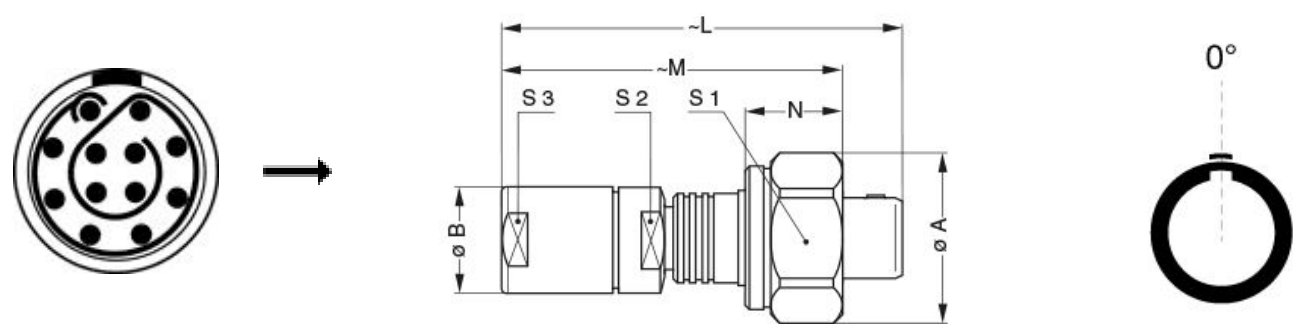
Contact Type: Solder  
Contact Dia.: 0.9 mm (0.035in)  
Bucket Dia.: 0.8 mm (0.031in)  
Max. Solid Conductor: 0.34 mm<sup>2</sup> (AWG 22)  
Max. Stranded Conductor: 0.34 mm<sup>2</sup> (AWG 22)  
R (max): 4.8 mOhm  
Vtest (contact-contact): 1450 V (AC) 2100 V (DC)  
Vtest (contact-shell): 1000 V (AC) 1400 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.	27.8	22	80.5	67	16.5	26	19	19
in.	1,09	0,87	3,17	2,64	0,65	1,02	0,75	0,75

RECOMMENDED BY LEMO

Tools

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