

SUMMARY

Wires

Low voltage 2



Image is for illustrative purpose only

Series	0W
Termination type	Male solder
IP rating	68 mated (mating interface)
AWG wire size	28.00 - 20.00
Cable Ø	3.10 - 3.50 mm
Status	Active
Matching parts	EVG.0W.302.CLL

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	FV*: Straight plug, 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	11.96 g

Performance

Configuration	0W.302 : 2 Low Voltage
Insulator	
Rated Current	10 Amps

Specifications

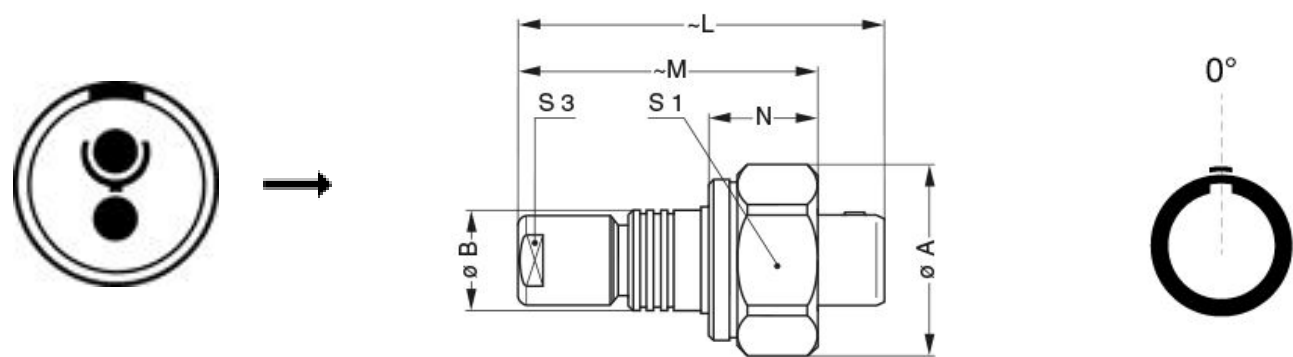
Contact Type: Solder
Contact Dia.: 0.9 mm (0.035in)
Bucket Dia.: 1.0 mm (0.039in)
Max. Solid Conductor: 0.56 mm ² (AWG 20)
Max. Stranded Conductor: 0.56 mm ² (AWG 20)
R (max): 4.8 mOhm
Vtest (contact-contact): 1300 V (AC) 1800 V (DC)
Vtest (contact-shell): 1050 V (AC) 1500 V (DC)

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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	S3
mm.	17.2	8.9	35.5	30.8	13.5	16	8
in.	0,68	0,35	1,40	1,21	0,53	0,63	0,31

RECOMMENDED BY LEMO

Tools

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Cables

20240	PTFE	White	
2080	PVC	Grey	

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