

## SUMMARY

### # Wires

Low voltage 8



*Image is for illustrative purpose only*

Series	1K
Termination type	No contacts / Accessory
IP rating	68 when mated
AWG wire size	30.00 - 22.00
Cable Ø	4.60 - 5.00 mm
Status	active

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[Catalog](#)

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	FG*: 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
Variant	H : Viton O-Ring
Weight	22.55 g

### Performance

Configuration	1K.308 : 8 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated Current	5 Amps

### Specifications

Contact Type: No contact(s)  
Contact LEMO for performance details.

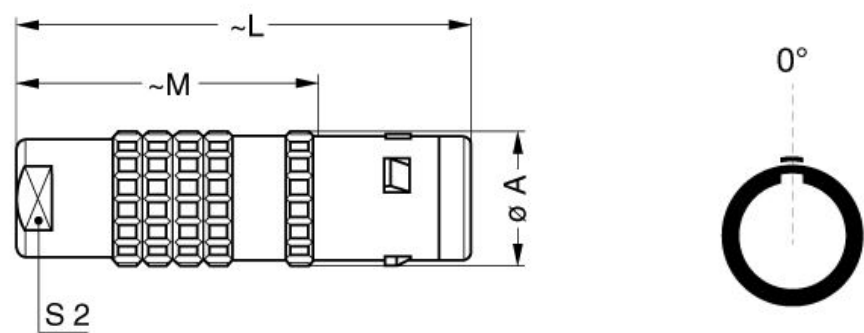
### Others

Endurance (Shell): 5000 mating cycles

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Temp (min / max): -20° C / +200° C  
Humidity (max): <=95% [at 60 deg C / 140 F]  
Vibration: 15 g [10 Hz - 2000 Hz]  
Shock Resistance: 100 g [ 6 ms]  
Climatical Category: 50/175/21  
Shielding (min): 95 dB (10 MHz)  
Shielding (min): 80 dB (1 GHz)  
Salt Spray Corrosion: >1000 hr

## DRAWINGS



### Dimensions

	A	L	M	S2
mm.	13	42	28	9
in.	0,51	1,65	1,10	0,35

## RECOMMENDED BY LEMO

### Tools

- Spanner wrench: [DCD.1E.ZZZ.PA090](#)  
Caps: [BFG.1K.100.NAS](#)

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