

## SUMMARY

### # Wires

Low voltage 12



Image is for illustrative purpose only

Series 4K  
Termination type Male solder  
IP rating 68  
AWG wire size 28.00 - 20.00  
Cable Ø 14.10 - 15.00 mm  
Status active  
Matching parts [EGG.4K.312.CLL](#)

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model FG\*: Straight plug, cable collet and nut for fitting a bend relief  
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 Z : Nut for fitting a bend relief  
Weight 137.63 g

### Performance

Configuration 4K.312 : 12 Low Voltage  
Insulator L: PEEK (UL 94 / V-0/1.5)  
Rated Current 12 Amps

### Specifications

Contact Type: Solder  
Contact Dia.: 1.3 mm (0.051in)  
Bucket Dia.: 1 mm (0.039in)  
Max. Solid Conductor: 0.5 mm<sup>2</sup> (AWG 20)  
Max. Stranded Conductor: 0.5 mm<sup>2</sup> (AWG 20)  
R (max): 3.6 mOhm

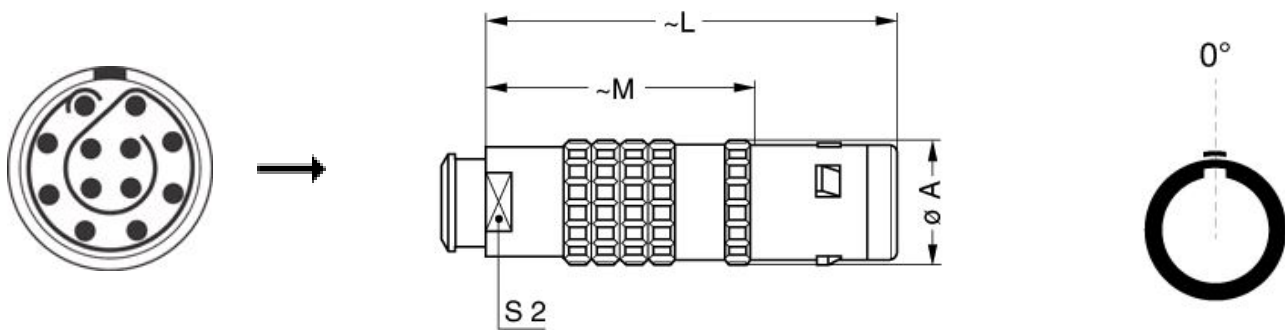
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Vtest (contact-shell): 1600 V (AC), 2250 V (DC)  
Vtest (contact-contact): 1450 V (AC), 2050 V (DC)

## Others

Endurance (Shell): 5000 mating cycles  
Temp (min / max): -55°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.	25	71	50.5	19
in.	0,98	2,80	1,99	0,75

## RECOMMENDED BY LEMO

### Tools

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Spanner wrench: [DCD.4E.050.PA190](#)

Caps: [BFG.4K.100.NAS](#)

## Cables

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