

## SUMMARY

### # Wires

Low voltage 3



*Image is for illustrative purpose only*

Series	2K
Termination type	Male solder
IP rating	68
AWG wire size	24.00 - 16.00
Cable Ø	7.60 - 8.00 mm
Status	active
Matching parts	<a href="#">EGG.2K.303.CLL</a>

### Download

[Request a quote](#)

[Eplan](#)

[Catalog](#)

## 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	38.92 g

### Performance

Configuration	2K.303 : 3 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	17 Amps

### Specifications

- Contact Type: Solder
- Contact Dia.: 1.6 mm (0.063in)
- Bucket Dia.: 1.4 mm (0.055in)
- Max. Solid Conductor: 1 mm<sup>2</sup> (AWG 16)
- Max. Stranded Conductor: 1 mm<sup>2</sup> (AWG 18)
- R (max): 3.5 mOhm

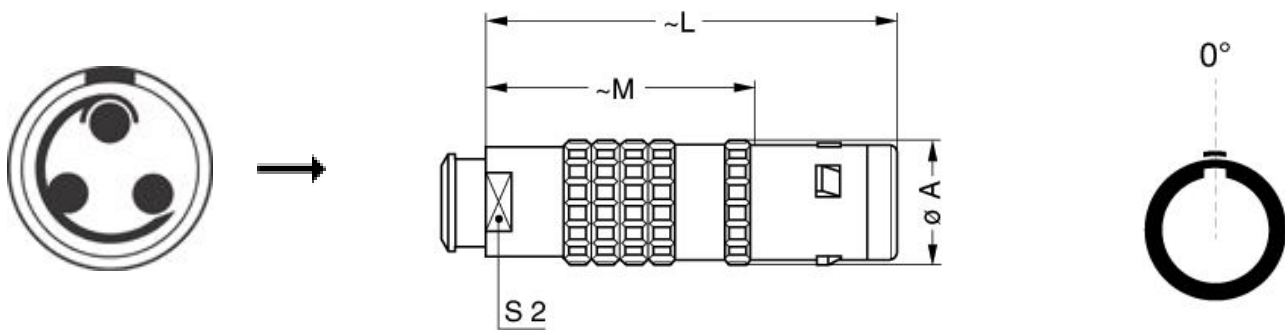
LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

Vtest (contact-shell): 1850 V (AC), 2600 V (DC)  
Vtest (contact-contact): 2400 V (AC), 3390 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.	16	52	36	12
in.	0,63	2,05	1,42	0,47

## RECOMMENDED BY LEMO

### Tools

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

Spanner wrench: [DCD.2E.020.PA120](#)

Caps: [BFG.2K.100.NAS](#)

*LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.*