



## Summary

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Low Voltage	3
Wire Size/AWG	28 - 20
Gender	Standard
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	2.10 - 2.50 mm
Size	0K
Matching parts	<a href="#">EGG.0K.303.CLL</a>
Series	K - Outdoor keyed

## Technical details

[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/fgg-0k-303-clac25.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/fgg-0k-303-clac25.html)

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## Electrical Configuration

Contact Termination Low voltage	Solder
R (max)	4.8 mOhm
Insert configuration value	0K.303 - 3 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	8 Amps
Vtest (contact-contact)	1200 V (AC), 1700 V (DC)
Vtest (contact-shell)	900 V (AC), 1300 V (DC)
Contact Type	Solder
Max. Solid Conductor	0.56 mm <sup>2</sup> (AWG 20)
Max. Stranded Conductor	0.56 mm <sup>2</sup> (AWG 20)
Bucket Dia.	1.0 mm (0.039in)
Contact Dia.	0.9 mm (0.035in)
Low Voltage	3
Wire Size/AWG	28 - 20
Gender	Standard

## Form & Material

Shell style / Model id	FG - Straight plug, cable collet
Plug	Straight
Housing material	Brass (chrome plated [SAE AMS 2460]) shell, collet nut and latch sleeve, nickel plated [SAE AMS QQ N 290] brass mid pieces
Locking system	Push-pull
Keying	1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Weight	12.5 g

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## Environment

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Technical domain	Audio Video, Energy and Industrial, Medical, Test and Measurement
Environmental protection (IP rating)	IP68
Minimal temperature	-55°C / +200°C
Climatical Category	50/175/21
Humidity (max)	<=95% [at 60 deg C /140 F]
Shielding (min)	95 dB (10 MHz)
Shielding (min)	80 dB (1 GHz)
Shock Resistance	100 g [ 6 ms]
Vibration	15 g [10 Hz - 2000 Hz]
Salt Spray Corrosion	>1000 hr

## Cable fixation

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Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	2.10 - 2.50 mm

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