



*Image for illustrative purpose only*

## Summary

[Request a quote](#)

[Catalog](#)

Number of contacts Low Voltage	3
Wire Size/AWG	28 - 20
Gender	Standard
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	4.10 - 4.50 mm
Size	0K
Suggested matching part	<a href="#">EGG.0K.303.CLL</a>
Series	K - Outdoor keyed

[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/fgg-0k-303-clac45z.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/fgg-0k-303-clac45z.html)

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.

# Technical details

## 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 A
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)
Number of contacts Low Voltage	3
Wire Size/AWG	28 - 20
Gender	Standard

## Form & Material

Shell style / Model id	FG - Straight plug, cable collet and nut for fitting a bend relief
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	G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Colour	Grey
Variant	Nut for fitting a bend relief
Weight	12.01 g

[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/fgg-0k-303-clac45z.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/fgg-0k-303-clac45z.html)

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.

## Environment

Technical domain	Audio Video, Energy and Industrial, Medical, Test and Measurement
Environmental sealing (IP rating)	IP68
Endurance	5000 mating cycles
Temperature range	-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




Cable termination protection	For cable bend relief
Fixation type	Cable collet
Jacket cable outside diameter [mm]	4.10 - 4.50 mm

# Recommended By Lemo

## Accessories

Compatible cap	<a href="#">BFG.0K.100.NAS</a>
----------------	--------------------------------

# Cables

Cable PartNumber	Material	Colour	Cable image
130250	PVC	Grey	
30260	PVC	Black	
3280	PVC	Black	

[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/fgg-0k-303-clac45z.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/fgg-0k-303-clac45z.html)

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.