



*Image for illustrative purpose only*

## Summary

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[See video assembly instructions](#)

Number of contacts Low Voltage	2
Wire Size/AWG	28 - 20
Gender	Standard
Plug	Plug - Straight
Locking system	Push-pull
Size	0B
Suggested matching part	<a href="#">EGG.0B.302.CLL</a>
Series	B - Indoor keyed

[https://www.lemo.com/int\\_en/catalog/product/view/id/610417/s/fgg-0b-302-claz/category/23/](https://www.lemo.com/int_en/catalog/product/view/id/610417/s/fgg-0b-302-claz/category/23/)

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# Technical details

## Electrical Configuration

Contact Termination Low voltage	Solder
R (max)	4.8 mOhm
Insert configuration value	0B.302 - 2 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	10.0 A
Vtest (contact-contact)	1000 V (AC), 1400 V (DC)
Vtest (contact-shell)	1050 V (AC), 1490 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	2
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 and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
Locking system	Push-pull
Keying	G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Colour	Gray
Weight	7.65 g

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## Environment

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Technical domain	Audio Video, Energy and Industrial, Medical, Semiconductor, Specialties and Other, Test and Measurement, Transportation, Aerospace and UAV
Environmental sealing (IP rating)	IP50
Endurance	5000 mating cycles
Temperature range	-55Â°C / +250Â°C
Climatical Category	50/175/21
Humidity (max)	<=95% [at 60 deg C /140 F]
Shielding (min)	75 dB (10 MHz)
Shielding (min)	40 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	For cable bend relief
Fixation type	Cable collet

# Recommended By Lemo

## Accessories

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Compatible cap	<a href="#">BFG.0B.100.PCZG</a>
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