



Image for illustrative purpose only

Summary

[Request a quote](#)

[Catalog](#)

Nb of contacts Fiber optic	1
Gender	Standard
Plug	Plug - Straight
Locking system	Push-pull
Size	0B
Series	B - Indoor keyed

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/fgg-0b-gb3-ccbe30g.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

Nb of contacts Fiber optic	1
Insert configuration value	0B.GB3 - 1 FO Type F3
Insulator	C: Zirconia Ceramic
Core/Cladding (um)	200/230
Ferrule Material	Zirconia Ceramic
Hole dia.(um)	235
Contact Type	F3 (included)
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	Grey

Environment

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	-55°C / +250°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

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/fgg-0b-gb3-ccbe30g.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.

Cable fixation

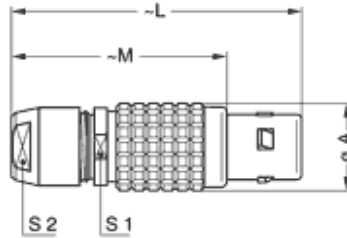
Cable termination protection

Standard back nut (no additional protection)

Fixation type

Crimp

Drawings



Dimensions

	L	A	S2	M	S1
mm.	36	9.5	7	26	8
in.	1.42	0.37	0.28	1.02	0.31

Recommended By Lemo

Accessories

Compatible cap

[BFG.0B.100.PCZG](#)

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/fgg-0b-gb3-ccbe30g.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.