

Summary

[Request a quote](#)

[Catalog](#)

Wire Size/AWG	30 - 22
Gender	Standard
Plug	Plug - Straight
Locking system	Push-pull
Size	3B
Series	B - Indoor keyed

Technical details

Electrical Configuration

R (max)	5.8 mOhm
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	2 Amps
Contact Type	Coaxial 50 Ohm (Crimp) Type C + HV
Contact Dia.	0.7 mm (0.03in)
Wire Size/AWG	30 - 22
Gender	Standard

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/fgg-3b-8h4-zla1.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.

Form & Material

Shell style / Model id	FG - Straight plug, cable collet
Plug	Straight
Locking system	Push-pull
Keying	1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Weight	5.98 g

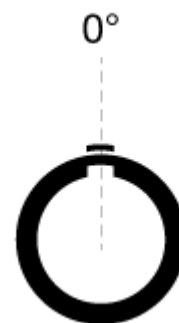
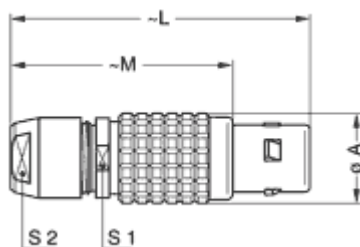
Environment

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]

Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet

Drawings



https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/fgg-3b-8h4-zla1.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.

Dimensions

	L	A	M	S2	S1
mm.	58	18	43	14	15
in.	2.28	0.71	1.69	0.55	0.59

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/fgg-3b-8h4-zla1.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.