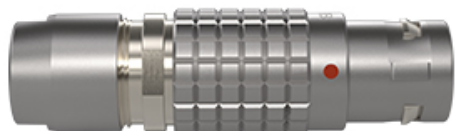


Standard



*Image for illustrative purpose only*

## Summary

[Request a quote](#)

thermocouple

Nb of contacts Thermocouple	4
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-902-cllf52.html](https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/fgg-0b-902-cllf52.html)

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# Technical details

## Electrical Configuration

Nb of contacts Thermocouple	4
Insert configuration value	0B.902/ThC - 2 Thermocouple Pairs
Insulator	L: PEEK (UL 94 / V-0/1.5)
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	-40°C / +80°C
Climatic Category	55/175/21
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-902-cllf52.html](https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/fgg-0b-902-cllf52.html)

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## Cable fixation

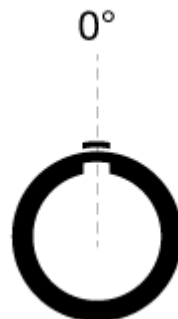
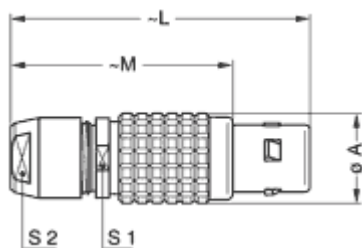
Cable termination protection

Standard back nut (no additional protection)

Fixation type

Cable collet

## 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-902-cllf52.html](https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/fgg-0b-902-cllf52.html)

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