



## Summary

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Thermocouple	6
Gender	Standard
Plug	Plug - Straight
Locking system	Quick-release (Snap-on)
Size	1B
Matching parts	<a href="#">EGG.1B.903.CLT</a>
Series	B - Indoor keyed

## Technical details

### Electrical Configuration

Thermocouple	6
Insert configuration value	1B.903/ThC - 3 Thermocouple Pairs
Insulator	L: PEEK (UL 94 / V-0/1.5)
Gender	Standard

[https://www.lemo.com/int\\_en/solutions/originals/b-indoor-keyed/fgg-1b-903-cltf27.html](https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/fgg-1b-903-cltf27.html)

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## 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	Quick-release (Snap-on)
Keying	1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Weight	15.59 g

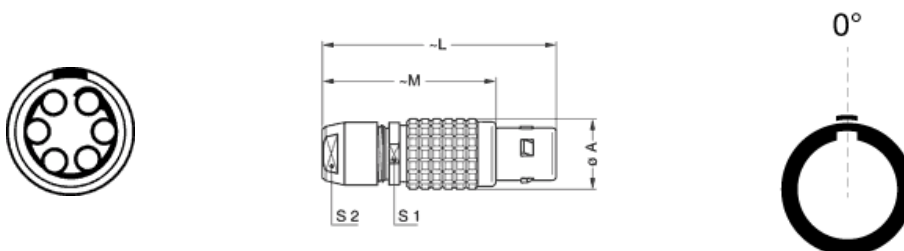
## Environment

Technical domain	Audio Video, Energy and Industrial, Medical, Semiconductor, Specialties and Other, Test and Measurement, Transportation, Aerospace and UAV
Environmental protection (IP rating)	IP50
Minimal temperature	-40°C / +80°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

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-1b-903-cltf27.html](https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/fgg-1b-903-cltf27.html)

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## Dimensions

	<b>A</b>	<b>L</b>	<b>M</b>	<b>S1</b>	<b>S2</b>
mm.	12	43	32	10	9
in.	0.47	1.69	1.26	0.39	0.35

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