

## Summary

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Gender	Standard
Plug	Plug - Fixed
Locking system	Push-pull
Size	5B
Series	B - Indoor keyed

## Technical details

### Electrical Configuration

Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	6 Amps
Gender	Standard

### Form & Material

Shell style / Model id	FB - Fixed plug, nut fixing, round flange and screw fixing
Plug	Fixed
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	1 key (alpha=0, plug: male contacts, receptacle: female contacts)

[https://www.lemo.com/int\\_en/solutions/originals/b-indoor-keyed/fbg-5b-894-clc9.html](https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/fbg-5b-894-clc9.html)

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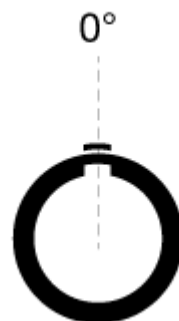
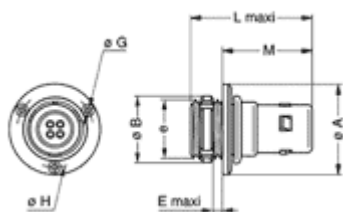
## Environment

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	-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

## Cable fixation

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

## Drawings



## Dimensions

	<b>L</b>	<b>H</b>	<b>G</b>	<b>E</b>	<b>M</b>	<b>A</b>	<b>B</b>	<b>e</b>
mm.	61.5	47	3	9	44.5	54	40	M35x1.0
in.	2.42	1.85	0.12	0.35	1.75	2.13	1.57	

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