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Summary

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Number of contacts Low Voltage	4
Wire Size/AWG	22 - 14
Gender	Reverse Gender
Plug	Plug - Straight
Locking system	Push-pull
Size	3B
Series	B - Indoor keyed

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/fgj-3b-304-vbzyzzq.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	4
Insert configuration value	3B.304 - 4 Low Voltage
Rated current	17 A
Contact Dia.	2
Wire Size/AWG	22 - 14
Gender	Reverse Gender

Form & Material

Shell style / Model id	FG - Straight plug, cable collet
Plug	Straight
Housing material	Stainless steel shell and mid pieces, Nitronic 60 stainless steel latch sleeve
Locking system	Push-pull
Keying	2 keys (alpha=37.5, plug: female contacts, receptacle: male contacts)
Variant	Special part (contact LEMO for details)
Weight	27.28 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 (max. temperature valid for short periods of use.)
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]

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Cable fixation

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

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