



Summary

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Gender	Reverse Gender
Plug	Plug - Straight
Locking system	Push-pull
Size	1B
Series	B - Indoor keyed

Technical details

Electrical Configuration

Insulator	L: PEEK (UL 94 / V-0/1.5)
Contact Type	Print (straight)
Gender	Reverse Gender

Form & Material

Shell style / Model id	FN - Straight plug, cable collet and lanyard release
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	2 keys (gamma=45, plug: female contacts, receptacle: male contacts)

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/fnj-1b-3d8-clnd62.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 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]
Salt Spray Corrosion	>1000 hr

Cable fixation

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

Drawings



Dimensions

	N	S1	S2	B	L	M	A
mm.	140	10	9	18	43	32	12
in.	5.51	0.39	0.35	0.71	1.69	1.26	0.47

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