



Summary

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Fluidic	1
Low Voltage	6
Wire Size/AWG	30 - 22
Gender	Standard
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	8.30 - 9.20 mm
Size	2B
Matching parts	EGG.2B.P13.CLL
Series	B - Indoor keyed

Technical details

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/fgg-2b-p13-clad92.html

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Electrical Configuration

Contact Termination Low voltage	Solder
Fluidic	1
Insert configuration value	2B.P13 - 1 Fluidic with valve P1, 6 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	6 Amps
Max pressure	6 bar (87.02 psi)
Test voltage (kV rms) Contact-contact	0.85
Test voltage (kV rms) Contact-shell	1.2
Tube Inner Dia.	1.8 mm (0.070)
Tube Outer Dia.	3.0 mm (0.118 in.)
Contact Type	Fluidic/Pneumatic
Contact Dia.	0.7
Low Voltage	6
Wire Size/AWG	30 - 22
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	1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Weight	27.64 g

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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
Jacket cable outside diameter [mm]	8.30 - 9.20 mm

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