



Summary

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Number of contacts Low Voltage	1
Number of contacts High Voltage	1
Wire Size/AWG	30 - 22
Gender	Standard
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	4.30 - 5.20 mm
Size	0B
Matching parts	EGG.0B.701.CJL
Series	B - Indoor keyed

Technical details

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/fgg-0b-701-cjad52.html

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Electrical Configuration

Contact Termination Low voltage	Solder
Contact Termination High voltage	Solder
Insert configuration value	0B.701 - 1 High V. 1 Low V.
Insulator	J: PEEK/PEEK
Rated current	7 Amps
Test voltage HV Ue (kV dc)	8.3
Test voltage HV Ue (kV rms)	5.9
Test voltage LV cont-shell(kV dc)	1.35
Test voltage LV cont-shell(kV rms)	0.95
Contact Type	Solder
Contact Dia.	0.7
Number of contacts Low Voltage	1
Number of contacts High Voltage	1
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	8.31 g

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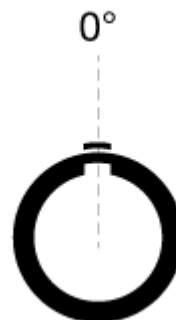
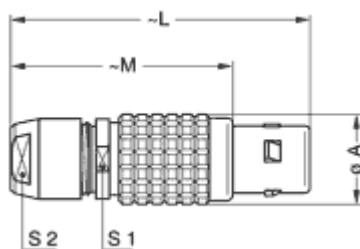
Environment

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]	4.30 - 5.20 mm

Drawings



Dimensions

	L	A	S2	M	S1
mm.	36	9.5	7	26	8
in.	1.42	0.37	0.28	1.02	0.31

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