



Image for illustrative purpose only

Summary

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Number of contacts Low Voltage	1
Wire Size/AWG	1 - 1
Locking system	Ratchet
Size	5M
Suggested matching part	EGG.5M.P08.ZZM
Series	B - Indoor keyed

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/fgg-5m-p08-zzc.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	1
Contact Termination Low voltage	Crimp
Max. Conductor High Power	50 mm ² (AWG 1)
Min. Conductor High Power	50 mm ² (AWG 1)
Contact Dia.	8
Wire Size/AWG	1 - 1

Form & Material

Shell style / Model id	FG - Male High Power crimp contact for 5M series
Housing material	Gold plated [ISO 27874] bronze
Locking system	Ratchet

Environment

Technical domain	Motorsport, Security and Defence, Transportation, Aerospace and UAV
EMI Shielding EIA 364-66A	>= 80 dB (1 GHz), >=70 dB (3 GHz), >= 58 dB (6 GHz), >= 40 dB (10 GHz)
Gunfire vibration	25 Hz - 2000 Hz, 3 axis (Apache helicopter)
Humidity (max)	21 days at 95%
Lighting strike EIA 364-76	10K amps - 6 times
Shock Resistance	300 g [3 ms]
Thermal shock	5 cycles: -65°C to +150°C
Vibration-Random	37.8 g rms - 3 axes, 4 hr amb [50 Hz - 2000 Hz]
Vibration-Sine	30 g, 3 axes, 12 hr [10 Hz - 2000 Hz]
Note	Recommended crimping tool: Klauke K06 - K35/4

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Recommended By Lemo

Tools

Extraction tool

[DCC.91.85H.PLC](#)

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