



*Image for illustrative purpose only*

## Summary

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Number of contacts Low Voltage	1
Wire Size/AWG	1 - 1
Size	5M
Suggested matching part	<a href="#">FGG.5M.P08.ZZC</a>
Series	M - Rugged Ratchet coupling

[https://www.lemo.com/int\\_en/solutions/optima/m-ratchet-coupling/egg-5m-p08-zzm.html](https://www.lemo.com/int_en/solutions/optima/m-ratchet-coupling/egg-5m-p08-zzm.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 <sup>2</sup> (AWG 1)
Min. Conductor High Power	50 mm <sup>2</sup> (AWG 1)
Contact Dia.	8
Wire Size/AWG	1 - 1

## Form & Material

Shell style / Model id	EG - Female High Power crimp contact for 5M series
Housing material	Gold plated [ISO 27874] bronze

## 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: -65Â°C to +150Â°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

# Recommended By Lemo

## Tools

Extraction tool	<a href="#">DCC.91.85H.PLC</a>
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