



Summary

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Number of contacts Low Voltage	1
Wire Size/AWG	20 - 16
Size	0M
Suggested matching part	FGN.0M.565.ZZC
Series	M - Rugged Ratchet coupling

https://www.lemo.com/int_en/solutions/optima/m-ratchet-coupling/egn-0m-665-zzm.html

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Technical details

Electrical Configuration

Contact Termination Low voltage	Crimp
Contact Dia.	1.3
Number of contacts Low Voltage	1
Wire Size/AWG	20 - 16

Form & Material

Shell style / Model id	EG - Female crimp contact for M series, standard barrel
Housing material	Gold plated [ISO 27874] bronze
Keying	No keying
Weight	0.24 g

Environment

Technical domain	Motorsport, Security and Defence, Transportation, Aerospace and UAV
Environmental sealing (IP rating)	No IP rating
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]

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