



Summary

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| | |
|---------------|-----------------------------|
| Low Voltage | 1 |
| Wire Size/AWG | 24 - 20 |
| Size | 0M |
| Series | M - Rugged Ratchet coupling |

Technical details

Electrical Configuration

| | |
|---------------------------------|---------|
| Contact Termination Low voltage | Crimp |
| Contact Dia. | 0.9 |
| Low Voltage | 1 |
| Wire Size/AWG | 24 - 20 |

Form & Material

| | |
|------------------------|---|
| Shell style / Model id | FG - Male crimp contact for M series, standard barrel |
| Housing material | Gold plated [ISO 27874] brass |
| Keying | No keying |
| Weight | 0.16 g |

https://www.lemo.com/int_en/solutions/optima/m-ratchet-coupling/fgn-0m-560-zzc.html

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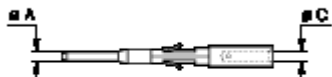
Environment

| | |
|--------------------------------------|---|
| Technical domain | Motorsport, Security and Defence, Transportation, Aerospace and UAV |
| Environmental protection (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] |

Cable fixation

| | |
|------------------------------|--|
| Cable termination protection | Standard back nut (no additional protection) |
|------------------------------|--|

Drawings



No keying

Dimensions

| | A | C |
|-----|------|------|
| mm. | 0.9 | 1.1 |
| in. | 0.04 | 0.04 |

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