



Image for illustrative purpose only

Summary

[Request a quote](#)

[Catalog](#)

| | |
|------|----|
| Size | 0M |
|------|----|

| | |
|--------|-----------------------------|
| Series | M - Rugged Ratchet coupling |
|--------|-----------------------------|

https://www.lemo.com/int_en/solutions/optima/m-ratchet-coupling/bgf-0m-200-xaz.html

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

Technical details

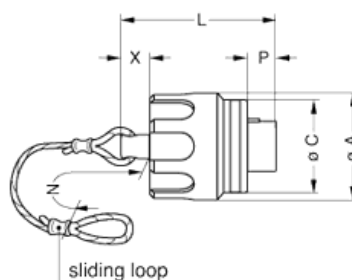
Form & Material

| | |
|------------------------|---|
| Shell style / Model id | BGF - Blanking cap for free receptacle (arctic grip) |
| Housing material | Aluminium (nickel plated [SAE AMS QQ N 290], anthracite color) shell and nut, other pieces bronze/brass |
| Keying | 3 keys (alpha=42, gamma=30, plug: male contacts, receptacle: female contacts) |
| Colour | Grey |
| Weight | 4.26 g |

Environment

| | |
|-----------------------------------|---|
| Technical domain | Motorsport, Security and Defence, Transportation, Aerospace and UAV |
| Environmental sealing (IP rating) | IP68 |
| Temperature range | -55°C / +135°C |
| 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] |
| Salt Spray Corrosion | max. 48 hr |

Drawings



https://www.lemo.com/int_en/solutions/optima/m-ratchet-coupling/bgf-0m-200-xaz.html

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

Dimensions

| | A | C | L | N | P | X |
|-----|----------|----------|----------|----------|----------|----------|
| mm. | 14.4 | 12.7 | 23.4 | 85 | 3.9 | 6 |
| in. | 0.57 | 0.5 | 0.92 | 3.35 | 0.15 | 0.24 |

https://www.lemo.com/int_en/solutions/optima/m-ratchet-coupling/bgf-0m-200-xaz.html

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.