



## Summary

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|        |                             |
|--------|-----------------------------|
| Size   | 0M                          |
| Series | M - Rugged Ratchet coupling |

## Technical details

### Form & Material

|                        |   |
|------------------------|---|
| Shell style / Model id | BME - Blanking cap for fixed receptacle(knurled 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)                           |
| Weight                 | 3.53 g  |

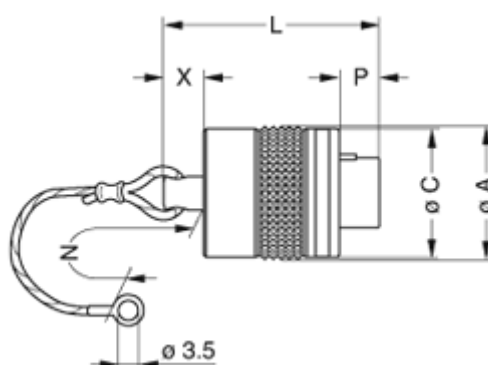
[https://www.lemo.com/int\\_en/solutions/optima/m-ratchet-coupling/bme-0m-200-xaz.html](https://www.lemo.com/int_en/solutions/optima/m-ratchet-coupling/bme-0m-200-xaz.html)

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## Environment

|                                      |  |
|--------------------------------------|--|
| Technical domain                     | Motorsport, Security and Defence, Transportation, Aerospace and UAV    |
| Environmental protection (IP rating) | No IP rating   |
| Minimal temperature                  | -20°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



## Dimensions

|     | A    | C    | L    | N    | P    | X    |
|-----|------|------|------|------|------|------|
| mm. | 13.1 | 12.7 | 23.4 | 85   | 3.9  | 6    |
| in. | 0.52 | 0.5  | 0.92 | 3.35 | 0.15 | 0.24 |

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