



Image for illustrative purpose only

# Summary

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|        |                   |
|--------|-------------------|
| Size   | 1K                |
| Series | K - Outdoor keyed |

# Technical details

## Form & Material

|                        |                                                                                         |
|------------------------|-----------------------------------------------------------------------------------------|
| Shell style / Model id | BFG - Cap for plug (G key)                                                              |
| Housing material       | Brass (nickel plated [SAE AMS QQ N 290]) shell, collet nut, latch sleeve and mid pieces |
| Keying                 | G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)                    |
| Colour                 | Grey                                                                                    |
| Weight                 | 11.03 g                                                                                 |

## Environment

|                                   |                                                                   |
|-----------------------------------|-------------------------------------------------------------------|
| Technical domain                  | Audio Video, Energy and Industrial, Medical, Test and Measurement |
| Environmental sealing (IP rating) | IP68                                                              |
| Temperature range                 | -50°C / +135°C                                                    |
| Climatical Category               | 50/175/21                                                         |
| Humidity (max)                    | <=95% [at 60 deg C /140 F]                                        |
| Shielding (min)                   | 95 dB (10 MHz)                                                    |
| Shielding (min)                   | 80 dB (1 GHz)                                                     |
| Shock Resistance                  | 100 g [ 6 ms]                                                     |
| Vibration                         | 15 g [10 Hz - 2000 Hz]                                            |
| Salt Spray Corrosion              | >144 hr                                                           |

[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/bfg-1k-100-nas.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/bfg-1k-100-nas.html)

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