



Image for illustrative purpose only

Summary

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| | |
|----------------------------|------------------|
| Nb of contacts Fiber optic | 1 |
| Gender | Standard |
| Plug | Plug - Straight |
| Locking system | Push-pull |
| Size | 0B |
| Series | B - Indoor keyed |

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/fgg-0b-rb3-cabe30g.html

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Technical details

Electrical Configuration

| | |
|----------------------------|-----------------------|
| Nb of contacts Fiber optic | 1 |
| Insert configuration value | 0B.RB3 - 1 FO Type F3 |
| Insulator | A: CuNiZn alloy |
| Core/Cladding (um) | 1000 |
| Ferrule Material | Metal |
| Hole dia.(um) | 1100 |
| Contact Type | F3 (included) |
| Gender | Standard |

Form & Material

| | |
|------------------------|---|
| Shell style / Model id | FG - Straight plug, cable collet |
| Plug | Straight |
| Housing material | Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces |
| Locking system | Push-pull |
| Keying | G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts) |
| Colour | Grey |
| Weight | 12.44 g |

Environment

| | |
|-----------------------------------|--|
| Technical domain | Audio Video, Energy and Industrial, Medical, Semiconductor, Specialties and Other, Test and Measurement, Transportation, Aerospace and UAV |
| Environmental sealing (IP rating) | IP50 |
| Endurance | 5000 mating cycles |
| Temperature range | -55°C / +250°C |
| Climatical Category | 50/175/21 |
| Humidity (max) | <=95% [at 60 deg C /140 F] |
| Shielding (min) | 75 dB (10 MHz) |
| Shielding (min) | 40 dB (1 GHz) |
| Shock Resistance | 100 g [6 ms] |
| Vibration | 15 g [10 Hz - 2000 Hz] |
| Salt Spray Corrosion | >1000 hr |

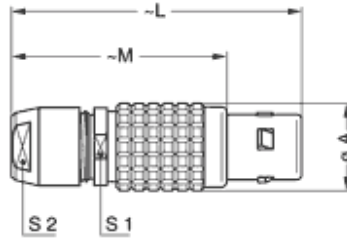
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Cable fixation

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

Drawings



Dimensions

| | L | A | S2 | M | S1 |
|-----|----------|----------|-----------|----------|-----------|
| mm. | 36 | 9.5 | 7 | 26 | 8 |
| in. | 1.42 | 0.37 | 0.28 | 1.02 | 0.31 |

Recommended By Lemo

Accessories

Compatible cap

[BFG.0B.100.PCZG](#)

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