



*Image for illustrative purpose only*

## Summary

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|                                    |                                |
|------------------------------------|--------------------------------|
| Nb of contacts Fiber optic         | 2                              |
| Gender                             | Standard                       |
| Plug                               | Plug - Straight                |
| Locking system                     | Push-pull                      |
| Jacket cable outside diameter [mm] | 9.30 - 10.00 mm                |
| Size                               | 3B                             |
| Suggested matching part            | <a href="#">EGG.3B.07A.CLZ</a> |
| Series                             | B - Indoor keyed               |

[https://www.lemo.com/int\\_en/solutions/originals/b-indoor-keyed/fgg-3b-07a-clzd10.html](https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/fgg-3b-07a-clzd10.html)

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# Technical details

## Electrical Configuration

|                            |  |
|----------------------------|--|
| Nb of contacts Fiber optic | 2  |
| Insert configuration value | 3B.07A - 2 FO Type F1 ( $\geq 140 \mu\text{m}$ ) |
| Insulator                  | L: PEEK (UL 94 / V-0/1.5)                        |
| 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                 | 42.73 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)                    | $\leq 95\%$ [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   |

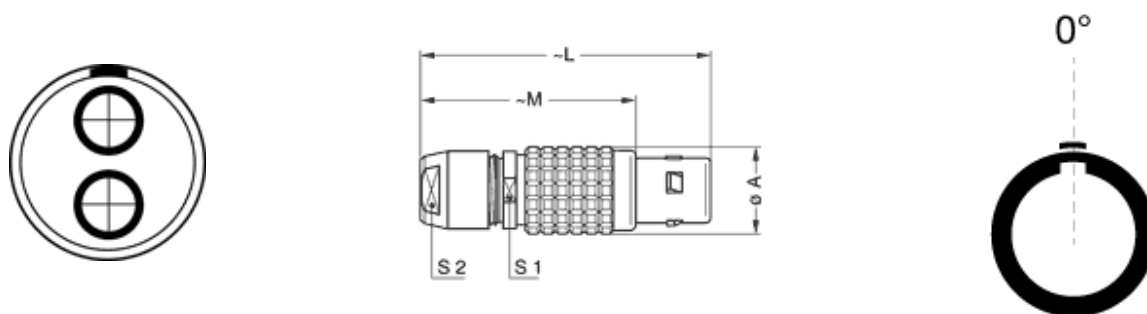
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## Cable fixation

|                                    |  |
|------------------------------------|--|
| Cable termination protection       | Standard back nut (no additional protection) |
| Fixation type                      | Cable collet                                 |
| Jacket cable outside diameter [mm] | 9.30 - 10.00 mm                              |

## Drawings



## Dimensions

|     | L    | A    | M    | S2   | S1   |
|-----|------|------|------|------|------|
| mm. | 58   | 18   | 43   | 14   | 15   |
| in. | 2.28 | 0.71 | 1.69 | 0.55 | 0.59 |

## Recommended By Lemo

### Accessories

Compatible cap [BFG.3B.112.NAS](#)

### Tools

Spanner [DCP.91.023.TN](#)

Spanner wrench [DCD.3B.ZZZ.PA140](#)

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