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## Summary

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|                            |   |
|----------------------------|---|
| Nb of contacts Fiber optic | 10  |
| Gender                     | Standard  |
| Socket / Receptacle        | Socket / Receptacle - Fixed Panel Front Mounted |
| Locking system             | Push-pull                                       |
| Size                       | 5K  |
| Suggested matching part    | <a href="#">FGG.5B.03J.CLZD11</a>               |
| Series                     | K - Outdoor keyed                               |

[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/egg-5k-03j-clz.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/egg-5k-03j-clz.html)

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# Technical details

## Electrical Configuration

|                            |                                    |
|----------------------------|------------------------------------|
| Nb of contacts Fiber optic | 10                                 |
| Insert configuration value | 5K.03J - 10 FO Type F2 (<= 140 um) |
| Insulator                  | L: PEEK (UL 94 / V-0/1.5)          |
| Gender                     | Standard                           |

## Form & Material

|                        |  |
|------------------------|--|
| Shell style / Model id | EG - Fixed receptacle, nut fixing  |
| Socket / Receptacle    | Fixed Panel Front Mounted  |
| Housing material       | Brass (chrome plated [SAE AMS 2460]) shell, collet nut and latch sleeve, nickel plated [SAE AMS QQ N 290] brass mid pieces |
| Locking system         | Push-pull  |
| Keying                 | G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)   |
| Colour                 | Grey   |
| Weight                 | 255.67 g   |

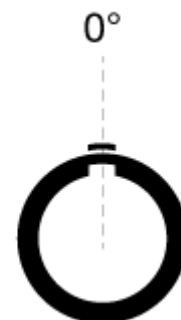
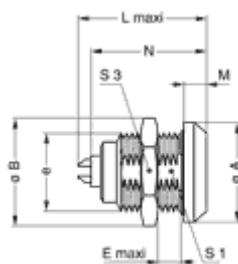
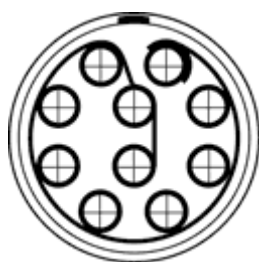
## Environment

|                                   |   |
|-----------------------------------|---|
| Technical domain                  | Audio Video, Energy and Industrial, Medical, Test and Measurement |
| Environmental sealing (IP rating) | IP68  |
| Endurance                         | 5000 mating cycles  |
| Temperature range                 | -55°C / +200°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              | >1000 hr  |

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# Drawings



## Dimensions

|     | <b>A</b> | <b>E</b> | <b>L</b> | <b>M</b> | <b>N</b> | <b>S1</b> | <b>e</b> | <b>B</b> |
|-----|----------|----------|----------|----------|----------|-----------|----------|----------|
| mm. | 55       | 10       | 47.5     | 9        | 43.6     | 42.5      | M45x1.5  | 54       |
| in. | 2.17     | 0.39     | 1.87     | 0.35     | 1.72     | 1.67      |          | 2.13     |

## Recommended By Lemo

### Accessories

Compatible cap

[BRE.5K.200.NAS](#)

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