



## Summary

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|                                    |   |
|------------------------------------|---|
| Nb of contacts Fiber optic         | 1   |
| Gender                             | Standard  |
| Socket / Receptacle                | Socket / Receptacle - Fixed Panel Front Mounted |
| Locking system                     | Push-pull                                       |
| Jacket cable outside diameter [mm] | 1.00 - 14.60 mm                                 |
| Size                               | 1K  |
| Matching parts                     | <a href="#">FGG.1K.92A.CLAT46Z</a>              |
| Series                             | K - Outdoor keyed                               |

## Technical details

### Electrical Configuration

|                                 |                           |
|---------------------------------|---------------------------|
| Nb of contacts Fiber optic      | 1                         |
| Contact Termination Fiber optic | Solder                    |
| Insulator                       | L: PEEK (UL 94 / V-0/1.5) |
| Contact Type                    | Solder                    |
| Gender                          | Standard                  |

[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/egg-1k-92a-cll.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/egg-1k-92a-cll.html)

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## 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                 | 1 key (alpha=0, plug: male contacts, receptacle: female contacts)  |
| Weight                 | 20.32 g  |

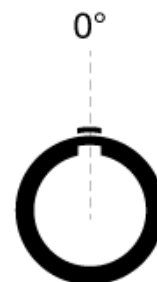
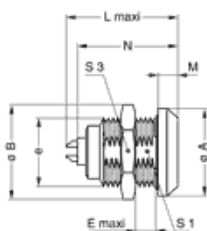
## Environment

|                                   |   |
|-----------------------------------|---|
| Technical domain                  | Audio Video, Energy and Industrial, Medical, Test and Measurement |
| Environmental sealing (IP rating) | IP68  |
| Endurance                         | 5000 mating cycles  |
| Temperature range                 | -40°C / +80°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  |

## Cable fixation

|                                    |                 |
|------------------------------------|-----------------|
| Jacket cable outside diameter [mm] | 1.00 - 14.60 mm |
|------------------------------------|-----------------|

## Drawings



[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/egg-1k-92a-cl.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/egg-1k-92a-cl.html)

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## Dimensions

|     | <b>e</b> | <b>E</b> | <b>L</b> | <b>M</b> | <b>N</b> | <b>S1</b> | <b>S3</b> | <b>A</b> | <b>B</b> |
|-----|----------|----------|----------|----------|----------|-----------|-----------|----------|----------|
| mm. | M16x1.0  | 9        | 27       | 4.5      | 25.1     | 14.5      | 19        | 20       | 21.5     |
| in. |          | 0.35     | 1.06     | 0.18     | 0.99     | 0.57      | 0.75      | 0.79     | 0.85     |

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