



*Image for illustrative purpose only*

## Summary

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|                            |                   |
|----------------------------|-------------------|
| Nb of contacts Fiber optic | 12                |
| Gender                     | Standard          |
| Plug                       | Plug - Straight   |
| Locking system             | Push-pull         |
| Size                       | 5K                |
| Series                     | K - Outdoor keyed |

[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/fgg-5k-956-clyt21.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/fgg-5k-956-clyt21.html)

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# Technical details

## Electrical Configuration

|                            |                           |
|----------------------------|---------------------------|
| Nb of contacts Fiber optic | 12                        |
| 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, 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)  |
| Colour                 | Grey   |
| Weight                 | 401.65 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  |

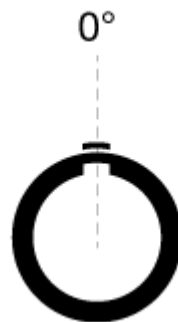
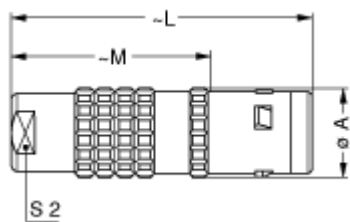
## Cable fixation

|                              |  |
|------------------------------|--|
| Cable termination protection | Standard back nut (no additional protection) |
| Fixation type                | T type cable adapter                         |

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# Drawings



## Dimensions

|     | <b>A</b> | <b>L</b> | <b>S2</b> | <b>M</b> |
|-----|----------|----------|-----------|----------|
| mm. | 38       | 92       | 30        | 67       |
| in. | 1.5      | 3.62     | 1.18      | 2.64     |

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