



*Image for illustrative purpose only*

## Summary

[Request a quote](#)

[Catalog](#)

|                                    |                                |
|------------------------------------|--------------------------------|
| Number of contacts Low Voltage     | 48                             |
| Wire Size/AWG                      | 26 - 22                        |
| Gender                             | Standard                       |
| Plug                               | Plug - Straight                |
| Locking system                     | Push-pull                      |
| Jacket cable outside diameter [mm] | 12.10 - 12.80 mm               |
| Size                               | 4K                             |
| Suggested matching part            | <a href="#">EGG.4K.348.CLM</a> |
| Series                             | K - Outdoor keyed              |

[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/fgg-4k-348-clcc12.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/fgg-4k-348-clcc12.html)

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

# Technical details

## Electrical Configuration

|                                 |                               |
|---------------------------------|-------------------------------|
| Contact Termination Low voltage | Crimp                         |
| R (max)                         | 6.1 mOhm                      |
| Insulator                       | L: PEEK (UL 94 / V-0/1.5)     |
| Rated current                   | 1.5 A                         |
| Contact retention               | 22 N                          |
| Contact Type                    | Crimp                         |
| Max. Conductor                  | 0.34 mm <sup>2</sup> (AWG 22) |
| Min. Conductor                  | 0.14 mm <sup>2</sup> (AWG 26) |
| Bucket Dia.                     | 0.8 mm (0.031in)              |
| Contact Dia.                    | 0.7 mm (0.028in)              |
| Number of contacts Low Voltage  | 48                            |
| Wire Size/AWG                   | 26 - 22                       |
| 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                 | 139.87 g   |

[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/fgg-4k-348-clcc12.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/fgg-4k-348-clcc12.html)

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

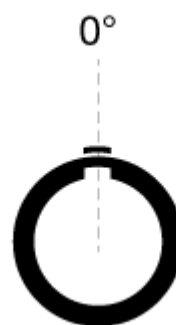
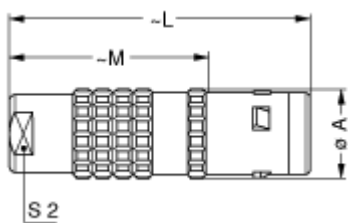
## Environment

|                                   |   |
|-----------------------------------|---|
| 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  |

## Cable fixation

|                                    |  |
|------------------------------------|--|
| Cable termination protection       | Standard back nut (no additional protection) |
| Fixation type                      | Cable collet                                 |
| Jacket cable outside diameter [mm] | 12.10 - 12.80 mm                             |

## Drawings



## Dimensions

|     | <b>S2</b> | <b>M</b> | <b>L</b> | <b>A</b> |
|-----|-----------|----------|----------|----------|
| mm. | 19        | 50.5     | 71       | 25       |
| in. | 0.75      | 1.99     | 2.8      | 0.98     |

[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/fgg-4k-348-clcc12.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/fgg-4k-348-clcc12.html)

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.