



*Image for illustrative purpose only*

## Summary

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|                            |                                    |
|----------------------------|------------------------------------|
| Nb of contacts Fiber optic | 2                                  |
| Gender                     | Standard                           |
| Socket / Receptacle        | Socket / Receptacle - Free         |
| Locking system             | Push-pull                          |
| Size                       | 3K                                 |
| Suggested matching part    | <a href="#">FGG.3K.03A.CLZT90Z</a> |
| Series                     | K - Outdoor keyed                  |

[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/phg-3k-03a-clzt90z.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/phg-3k-03a-clzt90z.html)

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# Technical details

## Electrical Configuration

|                            |                                   |
|----------------------------|-----------------------------------|
| Nb of contacts Fiber optic | 2                                 |
| Insert configuration value | 3K.03A - 2 FO Type F2 (<= 140 um) |
| Insulator                  | L: PEEK (UL 94 / V-0/1.5)         |
| Gender                     | Standard                          |

## Form & Material

|                        |  |
|------------------------|--|
| Shell style / Model id | PH - Free receptacle, cable collet and nut for fitting a bend relief   |
| Socket / Receptacle    | Free   |
| 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   |
| Variant                | Nut for fitting a bend relief  |
| Weight                 | 95.59 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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## Cable fixation

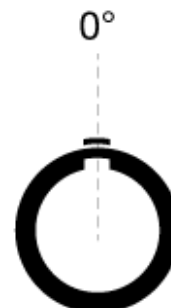
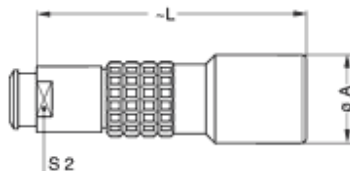
Cable termination protection

For cable bend relief

Fixation type

T type cable adapter

## Drawings



## Dimensions

|     | <b>A</b> | <b>L</b> | <b>S2</b> |
|-----|----------|----------|-----------|
| mm. | 23       | 64       | 15        |
| in. | 0.91     | 2.52     | 0.59      |

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