

Image for illustrative purpose only

Summary

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| | |
|----------------------------|-------------------|
| Nb of contacts Fiber optic | 2 |
| Gender | Standard |
| Plug | Plug - Straight |
| Locking system | Push-pull |
| Size | 3K |
| Series | K - Outdoor keyed |

https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/fgr-3k-03a-cyzt90z.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 | Y: PEEK for crimp contacts |
| Gender | Standard |

Form & Material

| | |
|------------------------|--|
| Shell style / Model id | FG - Straight plug, cable adapter and nut for fitting a bend relief |
| 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 | 5 keys (alpha=95, beta=115, gamma=35, delta=25, plug: male contacts, receptacle: female contacts) |
| Colour | Grey |
| Variant | Nut for fitting a bend relief |
| Weight | 75.83 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

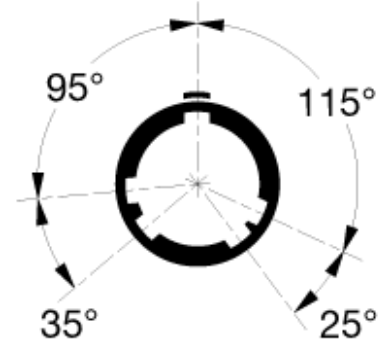
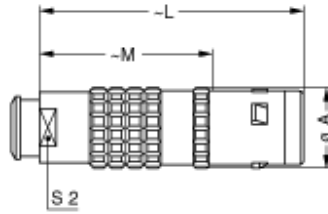
Cable termination protection

For cable bend relief

Fixation type

T type cable adapter

Drawings



Dimensions

| | M | L | A | S2 |
|-----|----------|----------|----------|-----------|
| mm. | 40 | 60 | 19 | 15 |
| in. | 1.57 | 2.36 | 0.75 | 0.59 |

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