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Summary

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| | |
|------------------------------------|--------------------------------|
| Nb of contacts Coax | 1 |
| Gender | Standard |
| Plug | Plug - Straight |
| Locking system | Push-pull |
| Jacket cable outside diameter [mm] | 2.60 - 3.00 mm |
| Size | 1K |
| Suggested matching part | EGA.1K.250.CTL |
| Series | K - Outdoor keyed |

https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/fga-1k-250-ctac30.html

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Technical details

Electrical Configuration

| | |
|---|--------------------------|
| Nb of contacts Coax | 1 |
| Contact Termination Coax - Conductor fixing | Solder |
| Insert configuration value | 1K.250 - 1 Coax (50 Ohm) |
| Insulator | T: PTFE |
| OHM | 50 |
| 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 | 2 keys (alpha=30, plug: male contacts, receptacle: female contacts) |
| Colour | Grey |
| Weight | 24.29 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 (max. temperature valid for short periods of use.) |
| 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 |

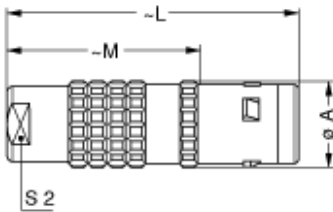
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Cable fixation

| | |
|------------------------------------|--|
| Cable termination protection | Standard back nut (no additional protection) |
| Fixation type | Cable collet |
| Jacket cable outside diameter [mm] | 2.60 - 3.00 mm |

Drawings



Dimensions

| | A | L | M | S2 |
|-----|------|------|-----|------|
| mm. | 13 | 42 | 28 | 9 |
| in. | 0.51 | 1.65 | 1.1 | 0.35 |