

Summary

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| | |
|--------------------------------|-------------------|
| Number of contacts Low Voltage | 10 |
| Gender | Standard |
| Locking system | Push-pull |
| Size | 3K |
| Series | K - Outdoor keyed |

https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/slg-3k-310-tlapv.html

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Technical details

Electrical Configuration

| | |
|--------------------------------|---------------------------|
| Insert configuration value | 3K.310 - 10 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated current | 12 A |
| Vtest (contact-contact) | 1250 V (AC), 1770 V (DC) |
| Vtest (contact-shell) | 900 V (AC), 1270 V (DC) |
| Contact Type | Solder |
| Contact Dia. | 1.3 mm (0.05in) |
| Number of contacts Low Voltage | 10 |
| Gender | Standard |

Form & Material

| | |
|------------------------|--|
| Shell style / Model id | SLG - Fixed coupler, nut fixing, key (G) or keys (L) at the flange end, and key (G) or keys (C or L) at the other end, watertight or vacuumtight |
| Housing material | Stainless steel shell, collet nut and latch sleeve, nickel plated [SAE AMS QQ N 290] brass mid pieces |
| Locking system | Push-pull |
| Keying | Front side: 2 key (gamma=75, male) , Other side: 1 key (alpha=0, female) |
| Variant | Watertight / Vacuum-tested unmated (connector to device) |
| Weight | 132.45 g |

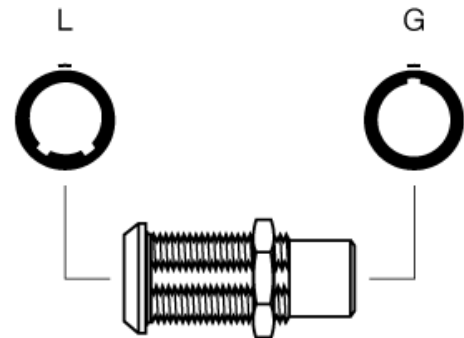
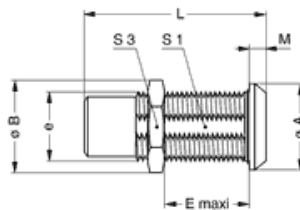
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Environment

| | |
|-----------------------------------|---|
| Technical domain | Audio Video, Energy and Industrial, Medical, Test and Measurement |
| Environmental sealing (IP rating) | Hermetic unmated |
| Endurance | 5000 mating cycles |
| Temperature range | -20°C / +80°C |
| Climatical Category | 20/80/21 |
| 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] |
| Pressure | 30 bars |
| R leak (He) (max) | 0.0000001 mbar*/l/s (if vacuum-tested) |

Drawings



Dimensions

| | A | B | e | E | L | M | S1 | S3 |
|-----|----------|----------|----------|----------|----------|----------|-----------|-----------|
| mm. | 31 | 34 | M24x1.0 | 33 | 64 | 6 | 22.5 | 30 |
| in. | 1.22 | 1.34 | | 1.3 | 2.52 | 0.24 | 0.89 | 1.18 |

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