



Image for illustrative purpose only

Summary

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| | |
|--------------------------------|------------------|
| Number of contacts Low Voltage | 8 |
| Gender | Standard |
| Locking system | Push-pull |
| Size | 2B |
| Series | B - Indoor keyed |

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/rjg-2b-308-cla.html

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Technical details

Electrical Configuration

| | |
|--------------------------------|---------------------------|
| Insert configuration value | 2B.308 - 8 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated current | 10 A |
| Vtest (contact-contact) | 1500 V (AC), 2120 V (DC) |
| Vtest (contact-shell) | 1250 V (AC), 1770 V (DC) |
| Contact Type | Solder |
| Contact Dia. | 0.9 mm (0.04in) |
| Number of contacts Low Voltage | 8 |
| Gender | Standard |

Form & Material

| | |
|------------------------|---|
| Shell style / Model id | RJ - Fixed coupler, nut fixing, keys (J) at the flange end and keys (B or G) at the other end |
| Housing material | Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces |
| Locking system | Push-pull |
| Keying | Front side: 2 keys (alpha=37.5, male) , Other side: 1 key (alpha=0, female) |
| Colour | Grey |
| Weight | 36.71 g |

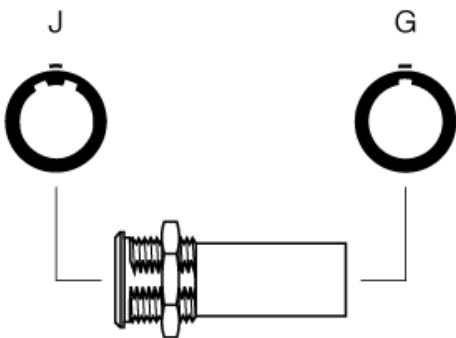
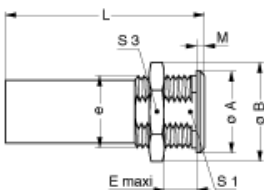
Environment

| | |
|-----------------------------------|--|
| Technical domain | Audio Video, Energy and Industrial, Medical, Semiconductor, Specialties and Other, Test and Measurement, Transportation, Aerospace and UAV |
| Environmental sealing (IP rating) | IP50 |
| Endurance | 5000 mating cycles |
| Temperature range | -55°C / +250°C |
| Climatical Category | 50/175/21 |
| Humidity (max) | <=95% [at 60 deg C /140 F] |
| Shielding (min) | 75 dB (10 MHz) |
| Shielding (min) | 40 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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Drawings



Dimensions

| | A | B | e | E | L | M | S1 | S3 |
|-----|------|------|----------|------|------|------|------|------|
| mm. | 20 | 21.5 | M16x1.00 | 12 | 44 | 4 | 15 | 19 |
| in. | 0.79 | 0.85 | | 0.47 | 1.73 | 0.16 | 0.59 | 0.75 |