

## Summary

[Request a quote](#)

[Catalog](#)

|                |                  |
|----------------|------------------|
| Low Voltage    | 7                |
| Wire Size/AWG  | 30 - 22          |
| Gender         | Standard         |
| Locking system | Push-pull        |
| Size           | 1B               |
| Series         | B - Indoor keyed |

## Technical details

### Electrical Configuration

|                                 |                           |
|---------------------------------|---------------------------|
| Contact Termination Low voltage | PCB - Straight            |
| Insert configuration value      | 1B.307 - 7 Low Voltage    |
| Insulator                       | L: PEEK (UL 94 / V-0/1.5) |
| Rated current                   | 7 Amps                    |
| Contact Dia.                    | 0.7                       |
| Low Voltage                     | 7                         |
| Wire Size/AWG                   | 30 - 22                   |
| Gender                          | Standard                  |

[https://www.lemo.com/int\\_en/solutions/originals/b-indoor-keyed/edg-1b-307-nliy.html](https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/edg-1b-307-nliy.html)

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

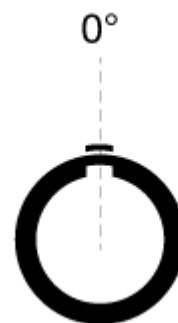
## Form & Material

|                  |   |
|------------------|---|
| Housing material | Brass (nickel plated [SAE AMS QQ N 290]) shell, collet nut, latch sleeve and mid pieces |
| Locking system   | Push-pull   |
| Keying           | 1 key (alpha=0, plug: male contacts, receptacle: female contacts)                       |
| Weight           | 10.44 g   |

## Environment

|                                      |  |
|--------------------------------------|--|
| Technical domain                     | Audio Video, Energy and Industrial, Medical, Semiconductor, Specialties and Other, Test and Measurement, Transportation, Aerospace and UAV |
| Environmental protection (IP rating) | IP50   |
| Minimal temperature                  | -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                 | >144 hr  |

## Drawings



[https://www.lemo.com/int\\_en/solutions/originals/b-indoor-keyed/edg-1b-307-nliy.html](https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/edg-1b-307-nliy.html)

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.