

Special

*Image for illustrative purpose only*

Summary

[Request a quote](#)[unipole multipole](#)

| | |
|--------------------------------|---|
| Number of contacts Low Voltage | 5 |
| Wire Size/AWG | 36 - 28 |
| Gender | Standard |
| Socket / Receptacle | Socket / Receptacle - Fixed Panel Front Mounted |
| Locking system | Push-pull |
| Size | 00 |
| Suggested matching part | FGG.00.305.KLAD22Z |
| Series | B - Indoor keyed |

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/egg-00-305-kll.html

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Technical details

Electrical Configuration

| | |
|------------------------------------|-------------------------------|
| Number of contacts Low Voltage | 5 |
| Contact Termination Low voltage | Solder |
| R (max) | 8.7 mOhm |
| Insert configuration value | 0.305 - 5 Low Voltage |
| Footprint IPC Class3 compatibility | No |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated current | 1.7 A |
| Vtest (contact-contact) | 1.1 kV (DC) |
| Vtest (contact-shell) | 1.4 kV (DC) |
| Max. Solid Conductor | 0.09 mm ² (AWG 28) |
| Max. Stranded Conductor | 0.05 mm ² (AWG 30) |
| Bucket Dia. | 0.4 mm (0.016in) |
| Contact Dia. | 0.35 mm (0.01in) |
| Wire Size/AWG | 36 - 28 |
| Gender | Standard |

Form & Material

| | |
|------------------------|---|
| Shell style / Model id | EG - Fixed receptacle, nut fixing |
| Socket / Receptacle | Fixed Panel Front Mounted |
| Housing material | Brass (black chrome) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces |
| Locking system | Push-pull |
| Keying | G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts) |
| Weight | 2.61 g |

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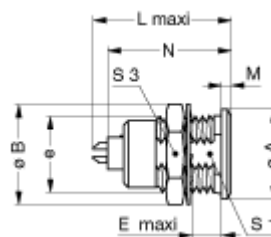
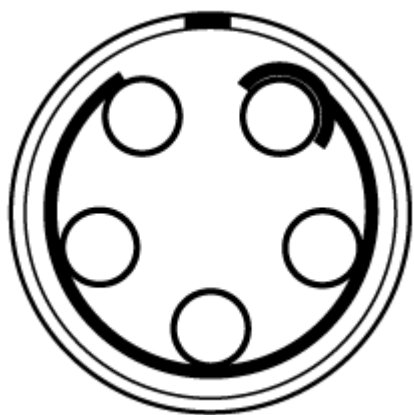
Environment

| | |
|-----------------------------------|----------------------------|
| Environmental sealing (IP rating) | IP50 |
| Climatic Category | 55/175/21 |
| 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 |

Cable fixation

| | |
|------------------|----|
| Panel Drill Hole | M7 |
|------------------|----|

Drawings



Dimensions

| | B | e | L | M | N | S1 | S3 | A | E |
|-----|----------|----------|----------|----------|----------|-----------|-----------|----------|----------|
| mm. | 10.3 | M7x0.5 | 15.5 | 1 | 13.7 | 6.3 | 9 | 8 | 6 |
| in. | 0.41 | | 0.61 | 0.04 | 0.54 | 0.25 | 0.35 | 0.31 | 0.24 |

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Recommended By Lemo

| Accessories | |
|----------------|--------------------------------|
| Compatible cap | BRE.00.200.KAS |
| Tools | |
| Spanner | DCA.91.149.0TN |