



*Image for illustrative purpose only*

## Summary

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|                                |  |
|--------------------------------|--|
| Number of contacts Low Voltage | 4  |
| Gender                         | Standard                                       |
| Socket / Receptacle            | Socket / Receptacle - Fixed Panel Rear Mounted |
| Locking system                 | Push-pull                                      |
| Size                           | 0K   |
| Suggested matching part        | <a href="#">FGG.0K.304.CLAC40</a>              |
| Series                         | K - Outdoor keyed                              |

[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/eeg-0k-304-cln.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/eeg-0k-304-cln.html)

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# Technical details

## Electrical Configuration

|                                 |                           |
|---------------------------------|---------------------------|
| Number of contacts Low Voltage  | 4                         |
| Contact Termination Low voltage | PCB - Straight            |
| R (max)                         | 6.1 mOhm                  |
| Insert configuration value      | 0K.304 - 4 Low Voltage    |
| Insulator                       | L: PEEK (UL 94 / V-0/1.5) |
| Rated current                   | 7 A                       |
| Vtest (contact-contact)         | 850 V (AC), 1200 V (DC)   |
| Vtest (contact-shell)           | 700 V (AC), 990 V (DC)    |
| Contact Dia.                    | 0.7 mm (0.028in)          |
| Gender                          | Standard                  |

## Form & Material

|                        |  |
|------------------------|--|
| Shell style / Model id | EE - Fixed receptacle, nut fixing, with straight contacts for printed circuit (back panel mounting)                        |
| Socket / Receptacle    | Fixed Panel Rear Mounted   |
| 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                 | G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)   |
| Colour                 | Grey   |
| Weight                 | 11.93 g  |

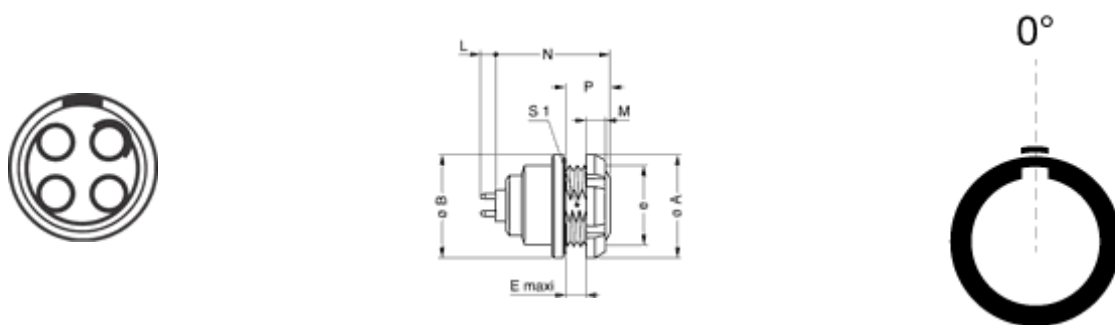
[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/eeg-0k-304-cln.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/eeg-0k-304-cln.html)

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## 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  |
| 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  |

## Drawings



## Dimensions

|     | <b>A</b> | <b>B</b> | <b>e</b> | <b>E</b> | <b>M</b> | <b>N</b> | <b>P</b> | <b>S1</b> |
|-----|----------|----------|----------|----------|----------|----------|----------|-----------|
| mm. | 18       | 18       | M14x1.0  | 3.4      | 3.5      | 17.6     | 7        | 12.5      |
| in. | 0.71     | 0.71     |          | 0.13     | 0.14     | 0.69     | 0.28     | 0.49      |

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# Recommended By Lemo

## Accessories

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|                |                                |
|----------------|--------------------------------|
| Compatible cap | <a href="#">BRE.OK.200.NAS</a> |
|----------------|--------------------------------|