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## Summary

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|                                |  |
|--------------------------------|--|
| Number of contacts Low Voltage | 26   |
| Gender                         | Standard                                       |
| Socket / Receptacle            | Socket / Receptacle - Fixed Panel Rear Mounted |
| Locking system                 | Push-pull                                      |
| Size                           | 2B   |
| Suggested matching part        | <a href="#">FGA.2B.326.CLAD62</a>              |
| Series                         | B - Indoor keyed                               |

# Technical details

## Electrical Configuration

|                                 |                           |
|---------------------------------|---------------------------|
| Number of contacts Low Voltage  | 26                        |
| Contact Termination Low voltage | PCB - Straight            |
| R (max)                         | 8.7 mOhm                  |
| Insert configuration value      | 2B.326 - 26 Low Voltage   |
| Insulator                       | L: PEEK (UL 94 / V-0/1.5) |
| Rated current                   | 1.5 A                     |
| Vtest (contact-contact)         | 1 kV (DC)                 |
| Vtest (contact-shell)           | 1.9 kV (DC)               |
| Contact Dia.                    | 0.5 mm (0.02in)           |
| Gender                          | Standard                  |

## Form & Material

|                        |   |
|------------------------|---|
| Shell style / Model id | EC - Fixed receptacle with two nuts and straight contacts for printed circuit (back panel mounting)                           |
| Socket / Receptacle    | Fixed Panel Rear Mounted  |
| 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                 | A: 2 keys (alpha=30, plug: male contacts, receptacle: female contacts)  |
| Colour                 | Grey  |
| Weight                 | 14.65 g   |

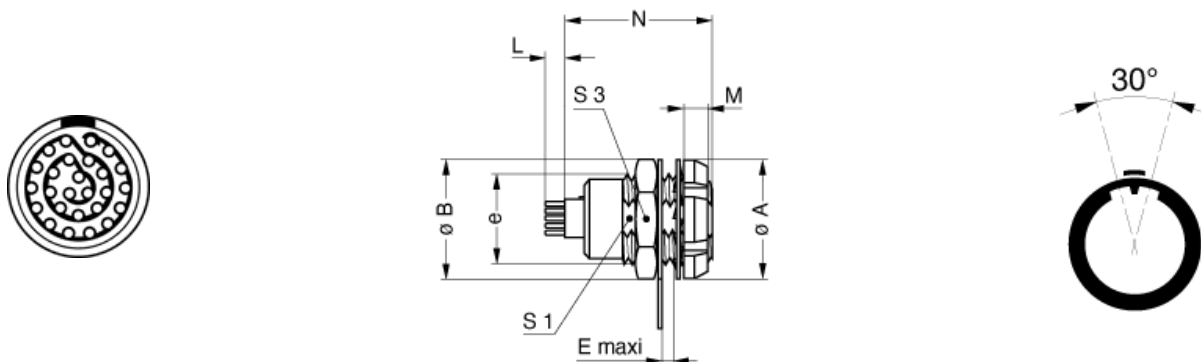
[https://www.lemo.com/int\\_en/solutions/originals/b-indoor-keyed/eca-2b-326-cln.html](https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/eca-2b-326-cln.html)

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## 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 (max. temperature valid for short periods of use.)  |
| Climatical 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   |

## Drawings



## Dimensions

|     | <b>A</b> | <b>E</b> | <b>M</b> | <b>N</b> | <b>S1</b> | <b>S3</b> | <b>e</b> | <b>B</b> | <b>L</b> |
|-----|----------|----------|----------|----------|-----------|-----------|----------|----------|----------|
| mm. | 20       | 6.5      | 3.5      | 21.8     | 13.5      | 17        | M15x1.0  | 19.2     | 24.8     |
| in. | 0.79     | 0.26     | 0.14     | 0.86     | 0.53      | 0.67      |          | 0.76     | 0.98     |

[https://www.lemo.com/int\\_en/solutions/originals/b-indoor-keyed/eca-2b-326-cln.html](https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/eca-2b-326-cln.html)

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# Recommended By Lemo

| Accessories    |   |
|----------------|---|
| Compatible cap | <a href="#">BRE.2S.200.NAS</a>  |
| Tools          |   |
| Spanner 2      | <a href="#">DCM.65.176.AZ6</a>  |
| Spanner wrench | <a href="#">Socket for torque wrench DCM.65.170.AZ and DCM.2S.M15.6</a> |

## CAD

| Documents  |                          |
|------------|--------------------------|
| PCB        | <a href="#">Download</a> |
| PCB Eagle  | <a href="#">Download</a> |
| Kicad      | <a href="#">Download</a> |
| PCB Altium | <a href="#">Download</a> |