



## Summary

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|                                    |   |
|------------------------------------|---|
| Number of contacts Low Voltage     | 5   |
| Socket / Receptacle                | Socket / Receptacle - Fixed Panel Front Mounted |
| Locking system                     | Push-pull                                       |
| Jacket cable outside diameter [mm] | 3.00 - 23.60 mm                                 |
| Size                               | 4S  |
| Matching parts                     | <a href="#">FFA.4S.305.CLAC12</a>               |
| Series                             | S - Indoor Stepped Insert                       |

## Technical details

### Electrical Configuration

|                                 |  |
|---------------------------------|--|
| Contact Termination Low voltage | Solder                                   |
| Insert configuration value      | 4S.305 - 2 (3 mm) + 3 (2 mm) Low Voltage |
| Insulator                       | L: PEEK (UL 94 / V-0/1.5)                |
| Rated current                   | 16 Amps                                  |
| Vtest                           | 2100 V (AC), 3000 V (DC)                 |
| Contact Type                    | Solder                                   |
| Number of contacts Low Voltage  | 5  |

[https://www.lemo.com/int\\_en/solutions/originals/s-indoor-stepped-insert/era-4s-305-cll.html](https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/era-4s-305-cll.html)

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## Form & Material

|                        |   |
|------------------------|---|
| Shell style / Model id | ERA - Fixed receptacle, nut fixing  |
| Socket / Receptacle    | Fixed Panel Front 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                 | Hermaphroditic keying (half moon insert) with female pin 1  |
| Weight                 | 60.04 g   |

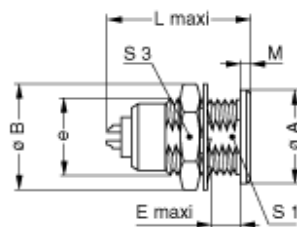
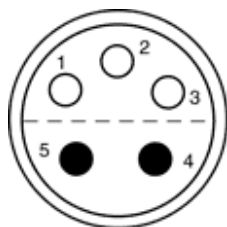
## Environment

|                                      |   |
|--------------------------------------|---|
| Technical domain                     | Audio Video, Energy and Industrial, Semiconductor, Test and Measurement |
| 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                 | >1000 hr  |

## Cable fixation

|                                    |                 |
|------------------------------------|-----------------|
| Jacket cable outside diameter [mm] | 3.00 - 23.60 mm |
|------------------------------------|-----------------|

## Drawings



[https://www.lemo.com/int\\_en/solutions/originals/s-indoor-stepped-insert/era-4s-305-cll.html](https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/era-4s-305-cll.html)

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# Dimensions

|     | A   | B    | e       | E    | L    | M   | S1   | S3   |
|-----|-----|------|---------|------|------|-----|------|------|
| mm. | 28  | 34   | M25x1.0 | 12   | 34   | 2.5 | 23.5 | 30   |
| in. | 1.1 | 1.34 |         | 0.47 | 1.34 | 0.1 | 0.93 | 1.18 |