

Standard

*Image for illustrative purpose only*

## Summary

[Request a quote](#)[SE series](#)

|                                    |                                                 |
|------------------------------------|-------------------------------------------------|
| Number of contacts Low Voltage     | 1                                               |
| Socket / Receptacle                | Socket / Receptacle - Fixed Panel Front Mounted |
| Locking system                     | Push-pull                                       |
| Panel Drill Hole                   | M12                                             |
| Jacket cable outside diameter [mm] | 1.00 - 10.60 mm                                 |
| Size                               | 1S                                              |
| Suggested matching part            | <a href="#">FFA.1S.130.CTAC22</a>               |
| Series                             | S - Indoor Stepped Insert                       |

[https://www.lemo.com/int\\_en/solutions/originals/s-indoor-stepped-insert/era-1s-130-ctl.html](https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/era-1s-130-ctl.html)

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# Technical details

## Electrical Configuration

|                                 |                        |
|---------------------------------|------------------------|
| Number of contacts Low Voltage  | 1                      |
| Contact Termination Low voltage | Solder                 |
| Insert configuration value      | 1S.130 - 1 Low Voltage |
| Insulator                       | T: PTFE                |
| Rated current                   | 25 A                   |
| Test voltage (kV DC)            | 2.1                    |

## 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                 | Circular, female                                                                                                              |
| Colour                 | Grey                                                                                                                          |
| Weight                 | 8.83 g                                                                                                                        |
| Panel Drill Hole       | M12                                                                                                                           |

## Environment

|                                   |                                                                         |
|-----------------------------------|-------------------------------------------------------------------------|
| Technical domain                  | Audio Video, Energy and Industrial, Semiconductor, Test and Measurement |
| Environmental sealing (IP rating) | IP50                                                                    |
| Endurance                         | 5000 mating cycles                                                      |
| Temperature range                 | -55°C / +250°C (max. temperature valid for short periods of use.)       |
| 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                                                                |

[https://www.lemo.com/int\\_en/solutions/originals/s-indoor-stepped-insert/era-1s-130-ctl.html](https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/era-1s-130-ctl.html)

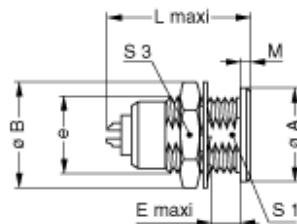
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## Cable fixation

Jacket cable outside diameter [mm]

1.00 - 10.60 mm

## Drawings



## Dimensions

|     | A    | B    | e       | E   | L    | M    | S1   | S3   |
|-----|------|------|---------|-----|------|------|------|------|
| mm. | 14   | 16   | M12x1.0 | 7.5 | 21   | 1.5  | 10.5 | 14   |
| in. | 0.55 | 0.63 |         | 0.3 | 0.83 | 0.06 | 0.41 | 0.55 |

## Recommended By Lemo

### Caps

|                |                                 |
|----------------|---------------------------------|
| Compatible cap | <a href="#">BRE.1S.200.NAS</a>  |
| Cap 2          | <a href="#">BRE.1S.200.NAV</a>  |
| Plastic Cap    | <a href="#">BRA.1B.200.PCSG</a> |
| Cap BRR        | <a href="#">BRR.1B.200.BSG</a>  |
| Soft Cap       | <a href="#">BEZ.1B.200.SCN</a>  |

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