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Summary

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| | |
|------------------------------------|---|
| Number of contacts Low Voltage | 7 |
| Socket / Receptacle | Socket / Receptacle - Fixed Panel Front Mounted |
| Locking system | Push-pull |
| Jacket cable outside diameter [mm] | 3.00 - 23.60 mm |
| Size | 4S |
| Suggested matching part | FFA.4S.307.CLAC10 |
| Series | S - Indoor Stepped Insert |

https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/era-4s-307-cll.html

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Technical details

Electrical Configuration

| | |
|---------------------------------|--|
| Number of contacts Low Voltage | 7 |
| Contact Termination Low voltage | Solder |
| Insert configuration value | 4S.307 - 3 (2 mm) + 4 (1.3 mm) Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated current | 2 mm : 16 A, 1.3 mm : 13 A |
| Test voltage (kV DC) | 3 |
| Bucket Dia. | 3x1.80 mm, 4x1.0 mm |
| Contact Dia. | 3x2.0mm, 4x1.3 mm |
| Wire Size/AWG details | 2.0 mm : 16 (AWG max), 1.3 mm : 20 (AWG max) |

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 |
| Colour | Grey |
| Weight | 57.65 g |

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.) |
| 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 |

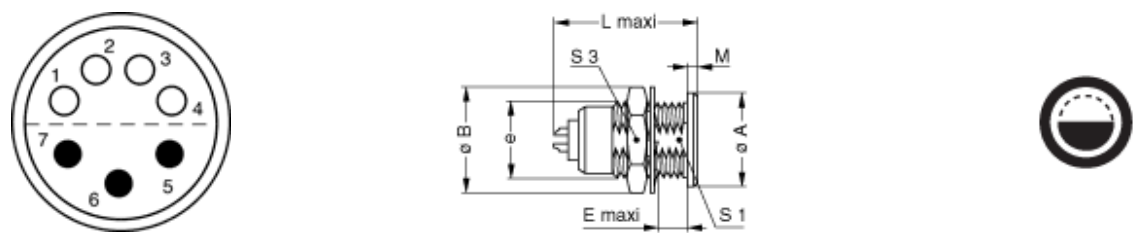
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Cable fixation

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

Drawings



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 |

Recommended By Lemo

Accessories

| | |
|----------------|--------------------------------|
| Compatible cap | BRE.4S.200.NAS |
|----------------|--------------------------------|