



Summary

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| | |
|------------------------------------|--------------------------------|
| Number of contacts Low Voltage | 5 |
| Plug | Plug - Straight |
| Locking system | Push-pull |
| Jacket cable outside diameter [mm] | 9.10 - 10.00 mm |
| Size | 4S |
| Matching parts | ERA.4S.305.CLL |
| 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/ffa-4s-305-clac10.html

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Form & Material

| | |
|------------------------|---|
| Shell style / Model id | FFA - Straight plug, cable collet |
| Plug | Straight |
| 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 male pin 1 |
| Weight | 136.49 g |

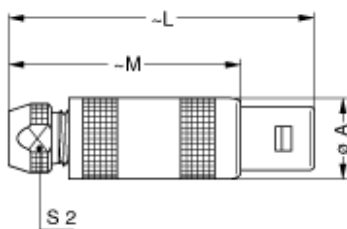
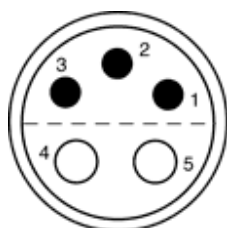
Environment

| | |
|--------------------------------------|---|
| 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

| | |
|------------------------------------|--|
| Cable termination protection | Standard back nut (no additional protection) |
| Fixation type | Cable collet |
| Jacket cable outside diameter [mm] | 9.10 - 10.00 mm |

Drawings



https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/ffa-4s-305-clac10.html

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Dimensions

| | A | M | S2 | L |
|-----|------|------|------|------|
| mm. | 24.8 | 59 | 19 | 77 |
| in. | 0.98 | 2.32 | 0.75 | 3.03 |