



Image for illustrative purpose only

Summary

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| | |
|------------------------------------|---------------------------------|
| Number of contacts High Voltage | 4 |
| Plug | Plug - Straight |
| Locking system | Push-pull |
| Jacket cable outside diameter [mm] | 7.10 - 8.00 mm |
| Size | 4S |
| Suggested matching part | ERA.4S.434.LLLT |
| Series | S - Indoor Stepped Insert |

https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/ffa-4s-434-llac82x.html

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Technical details

Electrical Configuration

| | |
|--|---------------------------|
| Number of contacts High Voltage | 4 |
| Contact Termination High voltage | Solder |
| Insert configuration value | 4S.434 - 4 High Voltage |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Test voltage LV Ue (kV rms) | - |
| Working voltage HV contact - Us (kV rms) | 2.1 |

Form & Material

| | |
|------------------------|--|
| Shell style / Model id | FFA - Straight plug, cable collet |
| Plug | Straight |
| Housing material | Aluminum alloy (anodized) 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 |
| Colour | Grey |
| Variant | Natural aluminum, natural nut for bend relief |
| Weight | 104.05 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 | >144 hr |

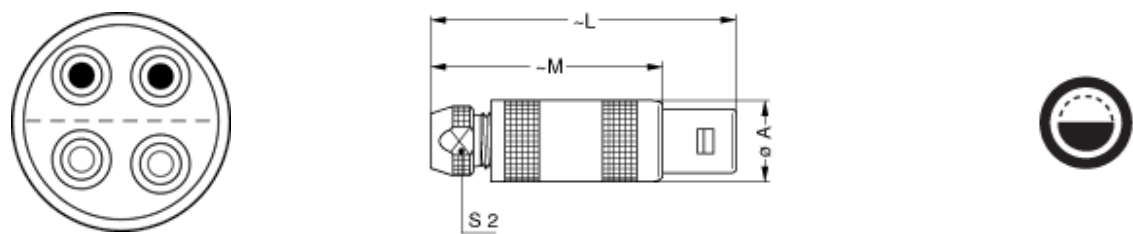
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Cable fixation

| | |
|------------------------------------|--|
| Cable termination protection | Standard back nut (no additional protection) |
| Fixation type | Cable collet |
| Jacket cable outside diameter [mm] | 7.10 - 8.00 mm |

Drawings



Dimensions

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

Recommended By Lemo

Accessories

| | |
|----------------|--------------------------------|
| Compatible cap | BFA.4S.100.NAS |
|----------------|--------------------------------|