



Summary

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| | |
|------------------------------------|-----------------------------------|
| Number of contacts Low Voltage | 8 |
| Wire Size/AWG | 28 - 20 |
| Plug | Plug - Straight |
| Locking system | Push-pull |
| Jacket cable outside diameter [mm] | 8.80 - 9.70 mm |
| Size | 3S |
| Matching parts | ERA.3S.308.CLL |
| Alternative part | FFA.3S.308.CLAC97 |
| Series | S - Indoor Stepped Insert |

Technical details

https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/ffa-3s-308-clac92z.html

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Electrical Configuration

| | |
|---------------------------------|------------------------------|
| Contact Termination Low voltage | Solder |
| R (max) | 3.6 mOhm |
| Insert configuration value | 3S.308 - 8 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated current | 10 Amps |
| Vtest | 1060 V (AC), 1500 V (DC) |
| Contact Type | Solder |
| Max. Solid Conductor | 0.5 mm ² (AWG 20) |
| Max. Stranded Conductor | 0.5 mm ² (AWG 20) |
| Bucket Dia. | 1 mm (0.039in) |
| Contact Dia. | 1.3 mm (0.051in) |
| Number of contacts Low Voltage | 8 |
| Wire Size/AWG | 28 - 20 |

Form & Material

| | |
|------------------------|---|
| Shell style / Model id | FFA - Straight plug, cable collet and nut for fitting a bend relief |
| 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 |
| Variant | Nut for fitting a bend relief |
| Weight | 53.3 g |

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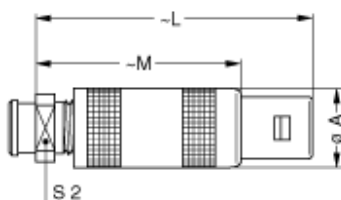
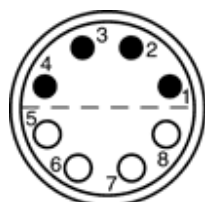
Environment

| | |
|--------------------------------------|---|
| 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 | For cable bend relief |
| Fixation type | Cable collet |
| Jacket cable outside diameter [mm] | 8.80 - 9.70 mm |

Drawings



Dimensions

| | A | L | M | S2 |
|-----|----------|----------|----------|-----------|
| mm. | 17.8 | 61 | 46 | 14 |
| in. | 0.7 | 2.4 | 1.81 | 0.55 |

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