



Image for illustrative purpose only

Summary

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| | |
|------------------------------------|-----------------------------------|
| Plug | Plug - Straight |
| Locking system | Push-pull |
| Jacket cable outside diameter [mm] | 3.10 - 3.50 mm |
| Size | 1E |
| Suggested matching part | PCA.1E.692.CTLC30 |
| Series | E - Outdoor Stepped Insert |

Technical details

Electrical Configuration

| | |
|-----------|---------------------------|
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
|-----------|---------------------------|

Form & Material

| | |
|------------------------|--|
| Shell style / Model id | FFA - Straight plug, cable collet |
| Plug | Straight |
| Housing material | Brass (chrome plated [SAE AMS 2460]) shell, collet nut and latch sleeve, nickel plated [SAE AMS QQ N 290] brass mid pieces |
| Locking system | Push-pull |
| Keying | Circular, male |
| Colour | Grey |
| Weight | 23.35 g |

Environment

| | |
|-----------------------------------|---|
| Technical domain | Energy and Industrial, Test and Measurement |
| Environmental sealing (IP rating) | IP68 |
| Endurance | 5000 mating cycles |
| Temperature range | -55°C / +200°C |
| Climatical Category | 50/175/21 |
| Humidity (max) | <=95% [at 60 deg C /140 F] |
| Shielding (min) | 95 dB (10 MHz) |
| Shielding (min) | 80 dB (1 GHz) |
| Shock Resistance | 100 g [6 ms] |
| Vibration | 15 g [10 Hz - 2000 Hz] |
| Salt Spray Corrosion | >1000 hr |

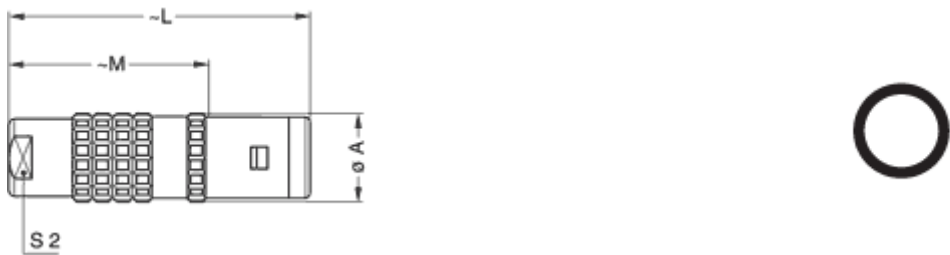
Cable fixation

| | |
|------------------------------------|--|
| Cable termination protection | Standard back nut (no additional protection) |
| Fixation type | Cable collet |
| Jacket cable outside diameter [mm] | 3.10 - 3.50 mm |

https://www.lemo.com/int_en/solutions/originals/e-outdoor-stepped-insert/ffa-1e-692-clac35.html

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Drawings



Dimensions

| | A | L | M | S2 |
|-----|------|------|-----|------|
| mm. | 13 | 42 | 28 | 9 |
| in. | 0.51 | 1.65 | 1.1 | 0.35 |

Recommended By Lemo

Accessories

| | |
|----------------|--------------------------------|
| Compatible cap | BFA.1E.100.NAS |
|----------------|--------------------------------|