

Summary

[Request a quote](#)

[Catalog](#)

| | |
|------------------------------------|-----------------------------------|
| Socket / Receptacle | Socket / Receptacle - Free |
| Locking system | Push-pull |
| Jacket cable outside diameter [mm] | 2.60 - 3.00 mm |
| Size | 1E |
| Matching parts | FFA.1E.692.CLAC30 |
| Series | E - Outdoor Stepped Insert |

Technical details

Electrical Configuration

| | |
|--------------|---------|
| Insulator | T: PTFE |
| Contact Type | Solder |

Form & Material

| | |
|------------------------|--|
| Shell style / Model id | PCA - Free receptacle, cable collet |
| Socket / Receptacle | Free |
| 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, female |
| Weight | 27.17 g |

https://www.lemo.com/int_en/solutions/originals/e-outdoor-stepped-insert/pca-1e-692-ctlc30.html

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

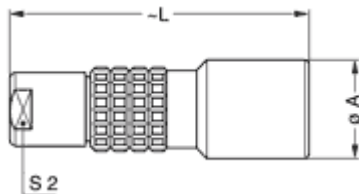
Environment

| | |
|-----------------------------------|---|
| 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] | 2.60 - 3.00 mm |

Drawings



Dimensions

| | A | L | S2 |
|-----|------|------|------|
| mm. | 15 | 45 | 9 |
| in. | 0.59 | 1.77 | 0.35 |

https://www.lemo.com/int_en/solutions/originals/e-outdoor-stepped-insert/pca-1e-692-ctlc30.html

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.