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Summary

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| | |
|--------------------------------|--|
| Number of contacts Low Voltage | 12 |
| Wire Size/AWG | 30 - 22 |
| Gender | Standard |
| Socket / Receptacle | Socket / Receptacle - Fixed Panel Rear Mounted |
| Locking system | Push-pull |
| Size | 2K |
| Suggested matching part | FGG.2K.312.CLAC40Z |
| Series | K - Outdoor keyed |

https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/eeg-2k-312-clv.html

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Technical details

Electrical Configuration

| | |
|---------------------------------|---------------------------|
| Contact Termination Low voltage | PCB - Elbow |
| R (max) | 6.1 mOhm |
| Insert configuration value | 2K.312 - 12 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Vtest (contact-contact) | 1250 V (AC), 1770 V (DC) |
| Vtest (contact-shell) | 1350 V (AC), 1910 V (DC) |
| Contact Type | Print (elbow) |
| Contact Dia. | 0.7 mm (0.028in) |
| Number of contacts Low Voltage | 12 |
| Wire Size/AWG | 30 - 22 |
| Gender | Standard |

Form & Material

| | |
|------------------------|--|
| Shell style / Model id | EE - Fixed receptacle, nut fixing, with elbow contacts for printed circuit (back panel mounting) |
| Socket / Receptacle | Fixed Panel Rear Mounted |
| 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 | 1 key (alpha=0, plug: male contacts, receptacle: female contacts) |
| Colour | Grey |
| Weight | 35.31 g |

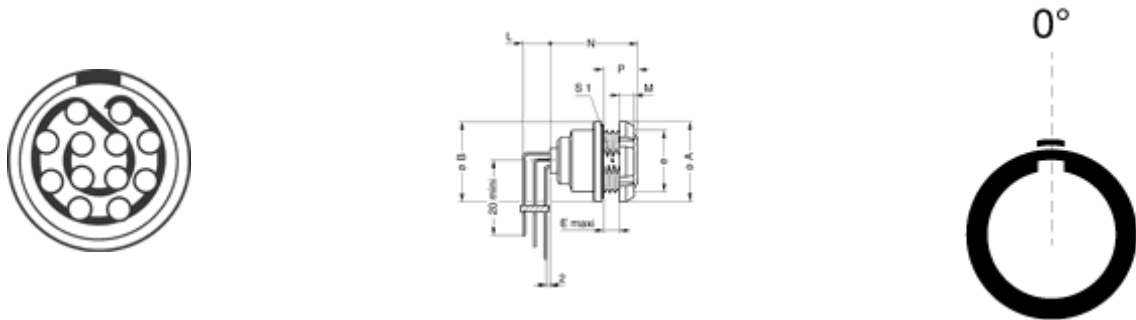
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Environment

| | |
|-----------------------------------|---|
| Technical domain | Audio Video, Energy and Industrial, Medical, 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 |

Drawings



Dimensions

| | A | e | E | M | N | P | S1 | B |
|-----|----------|----------|----------|----------|----------|----------|-----------|----------|
| mm. | 25 | M20x1.0 | 5 | 3.5 | 26.6 | 10 | 18.5 | 25 |
| in. | 0.98 | | 0.2 | 0.14 | 1.05 | 0.39 | 0.73 | 0.98 |

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