



Summary

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| | |
|------------------------------------|---|
| Number of contacts Low Voltage | 6 |
| Wire Size/AWG | 22 - 14 |
| Gender | Standard |
| Socket / Receptacle | Socket / Receptacle - Fixed Panel Front Mounted |
| Locking system | Push-pull |
| Jacket cable outside diameter [mm] | 9.60 - 10.50 mm |
| Size | 4K |
| Suggested matching part | FGG.4K.306.CLAC10 |
| Series | K - Outdoor keyed |

https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/pkg-4k-306-cllc10.html

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Technical details

Electrical Configuration

| | |
|---------------------------------|------------------------------|
| Contact Termination Low voltage | Solder |
| R (max) | 3.3 mOhm |
| Insert configuration value | 4K.306 - 6 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated current | 24 A |
| Vtest (contact-contact) | 2000 V (AC), 2850 V (DC) |
| Vtest (contact-shell) | 1750 V (AC), 2500 V (DC) |
| Contact Type | Solder |
| Max. Solid Conductor | 1.5 mm ² (AWG 14) |
| Max. Stranded Conductor | 1.5 mm ² (AWG 16) |
| Bucket Dia. | 1.8 mm (0.071in) |
| Contact Dia. | 2 mm (0.079in) |
| Number of contacts Low Voltage | 6 |
| Wire Size/AWG | 22 - 14 |
| Gender | Standard |

Form & Material

| | |
|------------------------|--|
| Shell style / Model id | PK - Fixed receptacle, nut fixing, cable collet |
| Socket / Receptacle | Fixed Panel Front 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) |
| Weight | 199.19 g |

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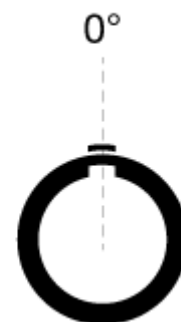
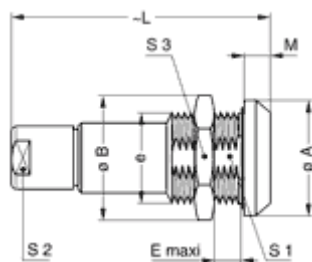
Environment

| | |
|-----------------------------------|---|
| 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 |

Cable fixation

| | |
|------------------------------------|--|
| Cable termination protection | Standard back nut (no additional protection) |
| Fixation type | Cable collet |
| Jacket cable outside diameter [mm] | 9.60 - 10.50 mm |

Drawings



Dimensions

| | A | B | e | E | L | M | S1 | S2 | S3 |
|-----|----------|----------|----------|----------|----------|----------|-----------|-----------|-----------|
| mm. | 37 | 40.5 | M30x1.0 | 9 | 75.5 | 6.5 | 28.5 | 19 | 36 |
| in. | 1.46 | 1.59 | | 0.35 | 2.97 | 0.26 | 1.12 | 0.75 | 1.42 |

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Recommended By Lemo

Accessories

Tools

Spanner wrench

[DCD.4E.ZZZ.PA190](#)

Cables

| Cable PartNumber | Material | Colour | Cable image |
|------------------|----------|--------|---|
| 460150 | PVC | Grey |  |

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