# EGG.3K.307.CLL

LEMO

Standard



*Image for illustrative purpose only*

# Summary

Request a quote

Catalog

| | |
|---|---|
| Number of contacts Low Voltage | 7 |
| Wire Size/AWG | 24 - 16 |
| Gender | Standard |
| Socket / Receptacle | Socket / Receptacle - Fixed Panel Front Mounted |
| Locking system | Push-pull |
| Jacket cable outside diameter [mm] | 2.00 - 22.60 mm |
| Size | 3K |
| Suggested matching part | FGG.3K.307.CLAC10 |
| Series | K - Outdoor keyed |

# Technical details

**Electrical Configuration**

| | |
|---|---|
| Number of contacts Low Voltage | 7 |
| Contact Termination Low voltage | Solder |
| R (max) | 3.5 mOhm |
| Insert configuration value | 3K.307 - 7 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated current | 11 A |
| Vtest (contact-contact) | 2.4 kV (DC) |
| Vtest (contact-shell) | 1.8 kV (DC) |
| Max. Solid Conductor | 1 mm² (AWG 16) |
| Max. Stranded Conductor | 1 mm² (AWG 18) |
| Bucket Dia. | 1.4 mm (0.055in) |
| Contact Dia. | 1.6 mm (0.063in) |
| Wire Size/AWG | 24 - 16 |
| Gender | Standard |

**Form & Material**

| | |
|---|---|
| Shell style / Model id | EG - Fixed receptacle, nut fixing |
| 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 | G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts) |
| Colour | Grey |
| Weight | 68.69 g |

## 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 (max. temperature valid for short periods of use.) |
| Climatic 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** | |
| Jacket cable outside diameter [mm] | 2.00 - 22.60 mm |

# Drawings
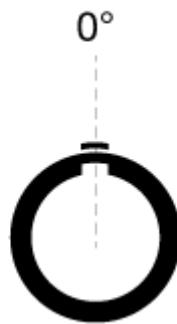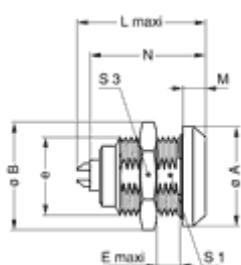


## Dimensions

| | e | E | L | M | N | S1 | S3 | A | B |
|---|---|---|---|---|---|---|---|---|---|
| mm. | M24x1.0 | 11 | 36.2 | 6 | 33.6 | 22.5 | 30 | 31 | 34.5 |
| in. | | 0.43 | 1.43 | 0.24 | 1.32 | 0.89 | 1.18 | 1.22 | 1.36 |
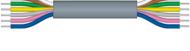
# Recommended By Lemo

## Accessories

| | |
|---|---|
| Compatible cap | BRE.3K.200.NAS |

## Cables

| Cable PartNumber | Material | Colour | Cable image |
|---|---|---|---|
| CMN.07.T18.070PGZE | | grey | |
| CMN.07.T18.070PNZE | | | |
| CMN.07.T20.062PGZE | | grey | |
| CMN.07.T20.062PNZE | | | |
| CMN.07.T20.062QGZE | TPR (medical) | Grey | |
| CMN.07.T26.037QGZE | TPR (medical) | Grey | |
| CMN.07.T28.044PGZE | | grey | |
| CMN.07.T28.044PNZE | | | |
| 270250 | PVC | Grey | |
| 370500 | PVC | Grey | |
| 70140 | PVC | Grey | |
| 7041 | PVC | Grey | |
| 7050 | PVC | Black | |
| 717920 | PVC | Grey | |
| CTR.75.030.121875G | PVC | Grey | |