



Summary

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| | |
|------------------------------------|--|
| Low Voltage | 5 |
| Wire Size/AWG | 18 - 14 |
| Gender | Standard |
| Socket / Receptacle | Socket / Receptacle - Fixed Panel Rear Mounted |
| Locking system | Push-pull |
| Jacket cable outside diameter [mm] | 2.00 - 22.60 mm |
| Size | 3K |
| Matching parts | FGG.3K.305.CYCC80 |
| Series | K - Outdoor keyed |

Technical details

https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/eeg-3k-305-cym.html

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Electrical Configuration

| | |
|---------------------------------|------------------------------|
| Contact Termination Low voltage | Crimp |
| R (max) | 3.5 mOhm |
| Insert configuration value | 3K.305 - 5 Low Voltage |
| Insulator | Y: PEEK for crimp contacts |
| Rated current | 19 Amps |
| Vtest (contact-contact) | 2400 V (AC), 3390 V (DC) |
| Vtest (contact-shell) | 1750 V (AC), 2500 V (DC) |
| Contact retention | 50 N |
| Contact Type | Crimp |
| Max. Conductor | 1.5 mm ² (AWG 14) |
| Min. Conductor | 1 mm ² (AWG 18) |
| Bucket Dia. | 1.9 mm (0.075in) |
| Contact Dia. | 1.6 mm (0.063in) |
| Low Voltage | 5 |
| Wire Size/AWG | 18 - 14 |
| Gender | Standard |

Form & Material

| | |
|------------------------|--|
| Shell style / Model id | EE - Fixed receptacle, nut fixing (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) |
| Weight | 61.92 g |

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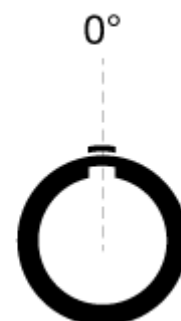
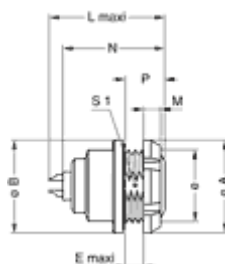
Environment

| | |
|--------------------------------------|---|
| Technical domain | Audio Video, Energy and Industrial, Medical, Test and Measurement |
| Environmental protection (IP rating) | IP68 |
| Minimal temperature | -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

| | |
|------------------------------------|-----------------|
| Jacket cable outside diameter [mm] | 2.00 - 22.60 mm |
|------------------------------------|-----------------|

Drawings



Dimensions

| | A | B | e | E | L | M | N | P | S1 |
|-----|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| mm. | 30 | 31 | M24x1.0 | 7.5 | 36.2 | 4.5 | 33.6 | 12 | 22.5 |
| in. | 1.18 | 1.22 | | 0.3 | 1.43 | 0.18 | 1.32 | 0.47 | 0.89 |

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Recommended By Lemo

Accessories

Replacement contact [EGG.3B.670.ZZM](#)

Tools

Positionner [DCE.91.163.BVCM](#)

Extraction tool [DCC.16.25B.LAG](#)

Crimp tool [DPC.91.101.A](#)

Spanner wrench [Socket for torque wrench DCM.65.200.AZ and DCM.65.270.AZ](#)

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Cables

| Cable PartNumber | Material | Colour | Cable image |
|--------------------|---------------|--------|---|
| CMN.05.T18.065PGZE | | grey |  |
| CMN.05.T18.065PNZE | | |  |
| CMN.05.T20.057PGZE | | grey |  |
| CMN.05.T20.057PNZE | | |  |
| CMN.05.T20.057QGZE | TPR (medical) | Grey |  |
| CMN.05.T22.051QGZE | TPR (medical) | Grey |  |
| CMN.05.T28.029PGCE | PVC | GREY |  |
| CMN.05.T28.029PGZE | | grey |  |
| CMN.05.T28.029PNCE | PVC | Black |  |
| CMN.05.T28.029PNZE | | |  |
| 150250 | PVC | Grey |  |
| 250500 | PVC | Grey |  |
| 50090 | PVC | Black | |
| 50140 | PVC | Grey |  |
| 5050 | PVC | Black |  |

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