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Summary

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| | |
|------------------------------------|-------------------|
| Gender | Reverse Gender |
| Plug | Plug - Straight |
| Locking system | Push-pull |
| Jacket cable outside diameter [mm] | 10.60 - 12.00 mm |
| Size | 3K |
| Series | K - Outdoor keyed |

Technical details

Electrical Configuration

| | |
|----------------|-------------------------------|
| R (max) | 5.8 mOhm |
| Insulator | J: PEEK/PEEK |
| Rated current | 2 A |
| Max. Conductor | 0.34 mm ² (AWG 22) |
| Min. Conductor | 0.34 mm ² (AWG 22) |
| Contact Dia. | 0.7 mm (0.03in) |
| Gender | Reverse Gender |

Form & Material

| | |
|------------------------|--|
| Shell style / Model id | FG - Straight plug with oversize cable collet |
| Plug | Straight |
| 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 | 2 keys (gamma=75, plug: female contacts, receptacle: male contacts) |
| Colour | Grey |
| Weight | 110.61 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.) |
| 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 |

https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/fgl-3k-8h2-cjmk111.html

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Cable fixation

| | |
|------------------------------------|--|
| Cable termination protection | Standard back nut (no additional protection) |
| Fixation type | Cable collet |
| Jacket cable outside diameter [mm] | 10.60 - 12.00 mm |

Drawings



Dimensions

| | M | L | B | S2 | S1 | A |
|-----|------|------|------|------|------|------|
| mm. | 65 | 85 | 22 | 19 | 19 | 19 |
| in. | 2.56 | 3.35 | 0.87 | 0.75 | 0.75 | 0.75 |

Recommended By Lemo

Accessories

| | |
|---------------------|--------------------------------|
| Replacement contact | EGG.3B.660.ZZM |
| Compatible cap | BFL.3K.100.NAS |

Tools

| | |
|-----------------|----------------------------------|
| Die Tool | DPE.99.103.8K |
| Positionner | DCE.91.093.BVM |
| Extraction tool | DCC.09.05B.LAG |
| Spanner wrench | DCD.3E.ZZZ.PA150 |

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