*Image for illustrative purpose only*

# Summary

Request a quote

Catalog

| | |
|---|---|
| Number of contacts Low Voltage | 4 |
| Wire Size/AWG | 18 - 14 |
| Gender | Standard |
| Plug | Plug - Straight |
| Locking system | Push-pull |
| Jacket cable outside diameter [mm] | 6.60 - 7.00 mm |
| Size | 3K |
| Suggested matching part | EGG.3K.304.CLL |
| Series | K - Outdoor keyed |

# Technical details

## Electrical Configuration

| | |
|---|---|
| Number of contacts Low Voltage | 4 |
| Contact Termination Low voltage | Crimp |
| R (max) | 3.3 mOhm |
| Insert configuration value | 3K.304 - 4 Low Voltage |
| Insulator | Y: PEEK for crimp contacts |
| Rated current | 17 A |
| Vtest (contact-contact) | 3.4 kV (DC) |
| Vtest (contact-shell) | 2.5 kV (DC) |
| Contact retention | 65 N |
| Max. Conductor | 1.5 mm^2 (AWG 14) |
| Max. Solid Conductor | 1.5 mm^2 (AWG 14) |
| Max. Stranded Conductor | 1.5 mm^2 (AWG 16) |
| Min. Conductor | 1 mm^2 (AWG 18) |
| Bucket Dia. | 1.9 mm (0.075in) |
| Contact Dia. | 2 mm (0.079in) |
| Wire Size/AWG | 18 - 14 |
| Gender | Standard |

## Form & Material

| | |
|---|---|
| Shell style / Model id | FG - Straight plug, 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 | G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts) |
| Colour | Grey |
| Weight | 67.86 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 |
| 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] | 6.60 - 7.00 mm |

# Recommended By Lemo

**Accessories**

| | |
|---|---|
| Replacement contact | FGG.3B.576.ZZC |
| Compatible cap | BFG.3K.100.NAS |

**Tools**

| | |
|---|---|
| Positionner | DCE.91.203.BVCM |
| Extraction tool | DCC.20.25B.LAG |
| Crimp tool | DPC.91.101.A |
| Spanner wrench | DCD.3E.ZZZ.PA150 |

# Cables

| Cable PartNumber | Material | Colour | Cable image |
| --- | --- | --- | --- |
| 240750 | PVC | Grey |  |