*Image for illustrative purpose only*

# Summary

Request a quote

Catalog

See video assembly instructions

| | |
|---|---|
| Number of contacts Low Voltage | 9 |
| Wire Size/AWG | 34 - 28 |
| Gender | Standard |
| Plug | Plug - Straight |
| Locking system | Push-pull |
| Jacket cable outside diameter [mm] | 3.30 - 4.20 mm |
| Size | 0B |
| Suggested matching part | EGG.0B.309.CLL |
| Series | B - Indoor keyed |

# Technical details

## Electrical Configuration

| | |
|---|---|
| Number of contacts Low Voltage | 9 |
| Contact Termination Low voltage | Solder |
| R (max) | 8.7 mOhm |
| Insert configuration value | 0B.309 - 9 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated current | 2 A |
| Vtest (contact-contact) | 1.1 kV (DC) |
| Vtest (contact-shell) | 1.6 kV (DC) |
| Max. Solid Conductor | 0.09 mm^2 (AWG 28) |
| Max. Stranded Conductor | 0.09 mm^2 (AWG 28) |
| Bucket Dia. | 0.45 mm (0.018in) |
| Contact Dia. | 0.5 mm (0.02in) |
| Wire Size/AWG | 34 - 28 |
| Gender | Standard |

## Form & Material

| | |
|---|---|
| Shell style / Model id | FG - Straight plug, cable collet |
| Plug | Straight |
| Housing material | Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces |
| Locking system | Push-pull |
| Keying | G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts) |
| Colour | Grey |
| Weight | 8.66 g |

## Environment

| | |
|---|---|
| Technical domain | Audio Video, Energy and Industrial, Medical, Semiconductor, Specialties and Other, Test and Measurement, Transportation, Aerospace and UAV |
| Environmental sealing (IP rating) | IP50 |
| Endurance | 5000 mating cycles |
| Temperature range | -55°C / +250°C |
| Climatical Category | 50/175/21 |
| Humidity (max) | <=95% [at 60 deg C /140 F] |
| Shielding (min) | 75 dB (10 MHz) |
| Shielding (min) | 40 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] | 3.30 - 4.20 mm |

# Recommended By Lemo

### Accessories

| | |
|---|---|
| Compatible cap | BFG.0B.100.PCZG |

### Tools

| | |
|---|---|
| Spanner | DCP.91.001.TN |
| Spanner wrench | DCD.0B.ZZZ.PA070 |