# EGK.0B.302.CLA



*Image for illustrative purpose only*

# Summary

Request a quote

Catalog

| | |
|---|---|
| Number of contacts Low Voltage | 2 |
| Wire Size/AWG | 28 - 20 |
| Gender | Reverse Gender |
| Socket / Receptacle | Socket / Receptacle - Fixed Panel Front Mounted |
| Locking system | Push-pull |
| Jacket cable outside diameter [mm] | 1.00 - 8.30 mm |
| Size | 0B |
| Suggested matching part | FGK.0B.302.CLLD42 |
| Series | B - Indoor keyed |

# Technical details
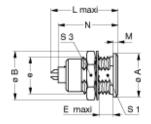
## Electrical Configuration

| | |
|---|---|
| Number of contacts Low Voltage | 2 |
| Contact Termination Low voltage | Solder |
| R (max) | 4.8 mOhm |
| Insert configuration value | 0B.302 - 2 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated current | 10 A |
| Vtest (contact-contact) | 1.9 kV (DC) |
| Vtest (contact-shell) | 1.5 kV (DC) |
| Max. Solid Conductor | 0.56 mm^2 (AWG 20) |
| Max. Stranded Conductor | 0.56 mm^2 (AWG 20) |
| Bucket Dia. | 1.0 mm (0.039in) |
| Contact Dia. | 0.9 mm (0.035in) |
| Wire Size/AWG | 28 - 20 |
| Gender | Reverse Gender |

## Form & Material

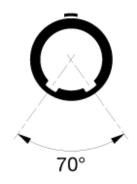| | |
|---|---|
| Shell style / Model id | EG - Fixed receptacle, nut fixing |
| Socket / Receptacle | Fixed Panel Front Mounted |
| Housing material | Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces |
| Locking system | Push-pull |
| Keying | 2 keys (gamma=70, plug: female contacts, receptacle: male contacts) |
| Colour | Grey |
| Weight | 3.91 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 (max. temperature valid for short periods of use.) |
| 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

| | |
|---|---|
| Jacket cable outside diameter [mm] | 1.00 - 8.30 mm |

# Drawings



## Dimensions

| | B | e | L | M | N | S1 | S3 | E | A |
|------|------|--------|------|------|------|------|------|------|------|
| mm. | 12.5 | M9x0.6 | 20.7 | 1.2 | 19.1 | 8.2 | 11 | 7 | 10 |
| in. | 0.49 | | 0.81 | 0.05 | 0.75 | 0.32 | 0.43 | 0.28 | 0.39 |

# Recommended By Lemo

## Accessories

| | |
|---|---|
| Compatible cap | BRE.0S.200.NAS |

# Cables

| Cable PartNumber | Material | Colour | Cable image |
|---|---|---|---|
| CMN.02.T28.030PGCE | PVC | GREY | |
| CMN.02.T28.030PGZE | | grey | |
| CMN.02.T28.030PNCE | PVC | Black | |
| CMN.02.T28.030PNZE | | | |
| 102080 | PVC | Grey | |
| 120184 | PVC | Black | |
| 120240 | PVC | Black | |
| 120250 | PVC | Grey | |
| 20140 | PVC | Grey | |
| 20140 | PVC | Grey | |
| 20141 | PVC | Grey | |
| 20142 | PVC | Red | |
| 20143 | PVC | Green | |
| 20144 | PVC | Black | |
| 20145 | PVC | Yellow | |
| 20146 | PVC | Black | |
| 20240 | PTFE | White | |
| 20260 | PVC | Black | |
| 20264 | PVC | Black | |
| 20266 | PVC | Violet | |
| 2050 | PVC | Black | |
| 20550 | PUR | Black | |
| 20560 | PUR | White | |
| 2080 | PVC | Grey | |
| 2221 | PVC | Black | |
| 2260 | PTFE | White | |
| 2280 | PVC | Black | |
| 4082 | PVC | Grey | |
| CMB.02.210.635 | PUR | Black | |