# PFG.2B.312.CLLD62

Standard



*Image for illustrative purpose only*

# Summary

Request a quote

BKT series

Customer Drawing

| | |
|---|---|
| Number of contacts Low Voltage | 12 |
| Wire Size/AWG | 30 - 22 |
| Gender | Standard |
| Socket / Receptacle | Socket / Receptacle - Fixed Panel Rear Mounted |
| Locking system | Push-pull |
| Panel Drill Hole | M15 |
| Jacket cable outside diameter [mm] | 5.30 - 6.20 mm |
| Size | 2B |
| Suggested matching part | FGG.2B.312.CLAD62 |

**https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/pfg-2b-312-clld62.html**
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| | |
|---|---|
| Series | B - Indoor keyed |

# Technical details

**Electrical Configuration**

| | |
|---|---|
| Number of contacts Low Voltage | 12 |
| Contact Termination Low voltage | Solder |
| R (max) - electrical contact resistance | 6.1 mOhm |
| Insert configuration value | 2B.312 - 12 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated current | 7 A |
| Test voltage contact-contact | 1.8 kV DC |
| Test voltage contact-shell | 2 kV DC |
| Max. Solid Conductor | 0.34 mm² (AWG 22) |
| Max. Stranded Conductor | 0.34 mm² (AWG 22) |
| Bucket Dia. | 0.8 mm (0.031 in) |
| Contact Dia. | 0.7 mm (0.028 in) |
| Wire Size/AWG | 30 - 22 |
| Gender | Standard |

**Form & Material**

| | |
|---|---|
| Shell style / Model id | PF - Fixed receptacle, with two nuts, cable collet (back panel mounting) |
| Socket / Receptacle | Fixed Panel Rear 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 | G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts) |
| Colour | Grey |
| Weight | 32.52 g |
| Panel Drill Hole | M15 |


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| 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.) |
| Climatic Category | 55/175/21 |
| 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] | 5.30 - 6.20 mm |

# Recommended By Lemo

| Caps | |
|---|---|
| Compatible cap | BRE.2S.200.NAS |
| Cap 2 | BRE.2S.200.NAV |
| Plastic Cap | BRA.2B.200.PCSG |
| Soft Cap | BEZ.2B.200.SCN |
| **Tools** | |
| Spanner 2 | DCM.65.176.AZ6 |
| Spanner wrench | Socket for torque wrench DCM.65.170.AZ and DCM.2S.M15.6 |


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# Cables

| Cable PartNumber | Material | Colour | Cable image |
|---|---|---|---|
| CMN.12.T28.054PGZE | | grey |  |
| CMN.12.T28.054PNZE | | |  |
| 112260 | PTFE | White |  |
| 112280 | PVC | Black |  |


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