

Standard

*Image for illustrative purpose only*

Summary

[Request a quote](#)[BKT series](#)[Customer Drawing](#)

| | |
|------------------------------------|-----------------------------------|
| Number of contacts Low Voltage | 4 |
| Protocol | USB 2.0 (480Mb/s) |
| Wire Size/AWG | 30 - 22 |
| Gender | Standard |
| Socket / Receptacle | Socket / Receptacle - Free |
| Locking system | Push-pull |
| Jacket cable outside diameter [mm] | 4.60 - 5.00 mm |
| Size | 0K |
| Suggested matching part | FGG.0K.304.CLAC50 |
| Series | K - Outdoor keyed |

https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/phg-0k-304-cllc50z.html

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Technical details

Electrical Configuration

| | |
|------------------------------------|-------------------------------|
| Number of contacts Low Voltage | 4 |
| Contact Termination Low voltage | Solder |
| R (max) | 6.1 mOhm |
| Insert configuration value | 0K.304 - 4 Low Voltage |
| Footprint IPC Class3 compatibility | No |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated current | 7 A |
| Vtest (contact-contact) | 1.2 kV (DC) |
| Vtest (contact-shell) | 1 kV (DC) |
| Max. Solid Conductor | 0.34 mm ² (AWG 22) |
| Max. Stranded Conductor | 0.34 mm ² (AWG 22) |
| Bucket Dia. | 0.8 mm (0.031in) |
| Contact Dia. | 0.7 mm (0.028in) |
| Protocol | USB 2.0 (480Mb/s) |
| Wire Size/AWG | 30 - 22 |
| Gender | Standard |

Form & Material

| | |
|------------------------|--|
| Shell style / Model id | PH - Free receptacle, cable collet and nut for fitting a bend relief |
| Socket / Receptacle | Free |
| 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 |
| Variant | Nut for fitting a bend relief |
| Weight | 14.18 g |

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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.) |
| Climatic 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 | For cable bend relief |
| Fixation type | Cable collet |
| Jacket cable outside diameter [mm] | 4.60 - 5.00 mm |

Recommended By Lemo

Accessories

| | |
|----------------|----------------|
| Compatible cap | BRF.0K.200.NAS |
|----------------|----------------|

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Cables

| Cable PartNumber | Material | Colour | Cable image |
|--------------------|---------------|--------|---|
| CMN.04.T22.047QGC | TPR | Grey | |
| CMN.04.T22.048QGZE | TPR (medical) | Grey |  |
| 140240 | PVC | Black |  |
| 140250 | PVC | Grey |  |
| 40260 | PVC | Black |  |
| 4221 | PVC | Black |  |
| 80080 | PVC | Grey | |
| 80082 | PVC | Red | |
| 80084 | PVC | Black | |

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