

Image for illustrative purpose only

Summary

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| | |
|------------------------------------|-----------------------------------|
| Nb of contacts Fiber optic | 14 |
| Gender | Standard |
| Socket / Receptacle | Socket / Receptacle - Free |
| Locking system | Push-pull |
| Jacket cable outside diameter [mm] | 19.60 - 21.50 mm |
| Size | 5B |
| Suggested matching part | FGG.5B.03N.CLZD21 |
| Series | B - Indoor keyed |

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/phg-5b-03n-clzd21.html

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Technical details

Electrical Configuration

| | |
|----------------------------|---------------------------|
| Nb of contacts Fiber optic | 14 |
| Insert configuration value | 5B.03N - 14 FO TYPE F2 |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Gender | Standard |

Form & Material

| | |
|------------------------|---|
| Shell style / Model id | PH - Free receptacle, cable collet |
| Socket / Receptacle | Free |
| 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 | 321.05 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 |

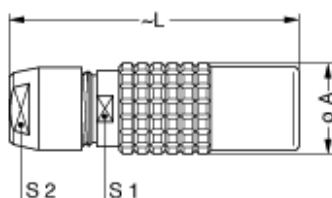
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Cable fixation

| | |
|------------------------------------|--|
| Cable termination protection | Standard back nut (no additional protection) |
| Fixation type | Cable collet |
| Jacket cable outside diameter [mm] | 19.60 - 21.50 mm |

Drawings



Dimensions

| | L | A | S1 | S2 |
|-----|----------|----------|-----------|-----------|
| mm. | 99 | 36 | 31 | 30 |
| in. | 3.9 | 1.42 | 1.22 | 1.18 |

Recommended By Lemo

Accessories

Compatible cap [BRF.5S.200.NAS](#)

Tools

Spanner [DCP.91.045.TN](#)

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