



Image for illustrative purpose only

Summary

| | |
|------------------------------------|---------------------------------|
| Request a quote | |
| Catalog | |
| Gender | Standard |
| Plug | Plug - Straight |
| Locking system | Push-pull |
| Jacket cable outside diameter [mm] | 21.60 - 23.50 mm |
| Size | 5B |
| Suggested matching part | EGG.5B.894.CLM5 |
| Series | B - Indoor keyed |

Technical details

Electrical Configuration

| | |
|---------------|---------------------------|
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated current | 6 A |
| 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 |

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 |

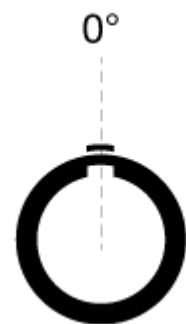
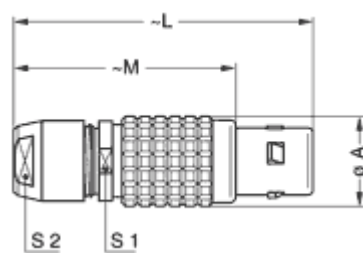
Cable fixation

| | |
|------------------------------------|--|
| Cable termination protection | Standard back nut (no additional protection) |
| Fixation type | Cable collet |
| Jacket cable outside diameter [mm] | 21.60 - 23.50 mm |

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/fgg-5b-894-clcd235.html

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Drawings



Dimensions

| | S1 | M | L | A | S2 |
|-----|------|------|------|------|------|
| mm. | 31 | 78 | 103 | 35 | 30 |
| in. | 1.22 | 3.07 | 4.06 | 1.38 | 1.18 |

Recommended By Lemo

Accessories

| | |
|---------------------|--------------------------------|
| Replacement contact | FGG.5B.560.ZZC |
| Compatible cap | BFG.5B.100.NAS |

Tools

| | |
|-----------------|--------------------------------|
| Positionner | DCE.91.095.BVC |
| Extraction tool | DCC.09.05B.LAG |