

Special



*Image for illustrative purpose only*

## Summary

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|                                |                                                                    |
|--------------------------------|--------------------------------------------------------------------|
| Number of contacts Low Voltage | 22                                                                 |
| Nb of contacts Coax            | 6                                                                  |
| Gender                         | Standard                                                           |
| Plug                           | Plug - Straight                                                    |
| Locking system                 | Push-pull                                                          |
| Size                           | 4B                                                                 |
| Suggested matching part        | <a href="#">EGG.4B.894.CLL2</a><br><a href="#">ECG.4B.894.CLM2</a> |
| Series                         | B - Indoor keyed                                                   |

[https://www.lemo.com/int\\_en/solutions/originals/b-indoor-keyed/fgg-4b-894-clcd02z.html](https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/fgg-4b-894-clcd02z.html)

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# Technical details

## Electrical Configuration

|                                             |                           |
|---------------------------------------------|---------------------------|
| Number of contacts Low Voltage              | 22                        |
| Contact Termination Low voltage             | Crimp                     |
| Nb of contacts Coax                         | 6                         |
| Contact Termination Coax - Conductor fixing | Solder                    |
| Contact Termination Coax – Screen fixing    | Crimp                     |
| Insulator                                   | L: PEEK (UL 94 / V-0/1.5) |
| Rated current                               | 4 A                       |
| Test voltage (kV DC)                        | 1.3                       |
| Gender                                      | Standard                  |

## Form & Material

|                        |                                                                                                                               |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Shell style / Model id | FG - Straight plug, cable collet and nut for fitting a bend relief                                                            |
| 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                                                                                                                          |
| Weight                 | 139.17 g                                                                                                                      |

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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                                                                                                                                   |
| <b>Cable fixation</b>             |                                                                                                                                            |
| Cable termination protection      | For cable bend relief                                                                                                                      |
| Fixation type                     | Cable collet                                                                                                                               |

# Recommended By Lemo

## Accessories

|                     |                                |
|---------------------|--------------------------------|
| Replacement contact | <a href="#">FGG.4B.555.ZZC</a> |
| Compatible cap      | <a href="#">BFG.4B.100.NAS</a> |

## Tools

|                 |                                |
|-----------------|--------------------------------|
| Coax Tool       | <a href="#">DCC.91.050.2LA</a> |
| Die Tool        | <a href="#">DPE.99.002.5K</a>  |
| Spanner         | <a href="#">DCP.91.045.TN</a>  |
| Positionner     | <a href="#">DCE.91.074.BVC</a> |
| Extraction tool | <a href="#">DCC.07.04B.LAG</a> |
| Crimp tool      | <a href="#">DPC.91.701.V</a>   |

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