

Special

*Image for illustrative purpose only*

## Summary

[Request a quote](#)[Coax triax mixed en](#)[Customer Drawing](#)

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

[https://www.lemo.com/int\\_en/solutions/originals/b-indoor-keyed/fhg-4b-894-clcd02z.html](https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/fhg-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	FH - Elbow plug, cable collet and nut for fitting a bend relief
Plug	Elbow
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	186.33 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>
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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