



Image for illustrative purpose only

Summary

[Request a quote](#)

Number of contacts High Voltage	2
Gender	Standard
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	23.60 - 25.00 mm
Size	5B
Series	B - Indoor keyed

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/fng-5b-759-clcd25.html

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

Technical details

Electrical Configuration

Contact Termination High voltage	Crimp
Insert configuration value	5B.759 - 2 High V. 54 Low V.
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	3 A
Test voltage HV Ue (kV rms)	14.5
Contact Type	Crimp
Number of contacts High Voltage	2
Gender	Standard

Form & Material

Shell style / Model id	FN - Straight plug, cable collet and lanyard release
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

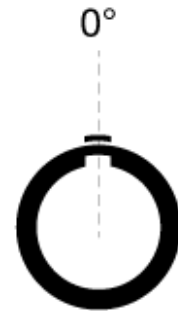
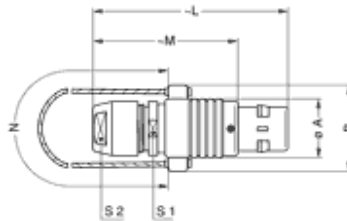
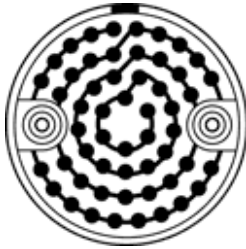
https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/fng-5b-759-clcd25.html

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	23.60 - 25.00 mm

Drawings



Dimensions

	L	M	N	S1	S2	A	B
mm.	103	78	300	31	30	35	47
in.	4.06	3.07	11.81	1.22	1.18	1.38	1.85

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
Crimp tool	DPC.91.701.V

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/fng-5b-759-clcd25.html

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.