



Image for illustrative purpose only

Summary

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Nb of contacts Fiber optic	1
Number of contacts Low Voltage	4
Gender	Standard
Plug	Plug - Straight
Locking system	Push-pull
Size	3B
Series	B - Indoor keyed

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/fgg-3b-xr4-cycs13z.html

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Technical details

Electrical Configuration

Contact Termination Low voltage	Crimp
Nb of contacts Fiber optic	1
Insert configuration value	3B.XR4 - 4 Low Voltage (0.7 mm) + 1 FO Type MT
Insulator	Y: PEEK for crimp contacts
Number of contacts Low Voltage	4
Gender	Standard

Form & Material

Shell style / Model id	FG - Straight plug with MT ferrule, key (G) or keys (A,...,M and R), 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
Weight	100.21 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	-40°C / +80°C
Climatical Category	20/80/21
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
Note	Delivered without MT ferrule

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Cable fixation

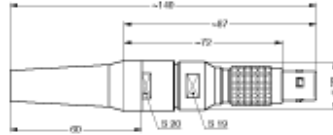
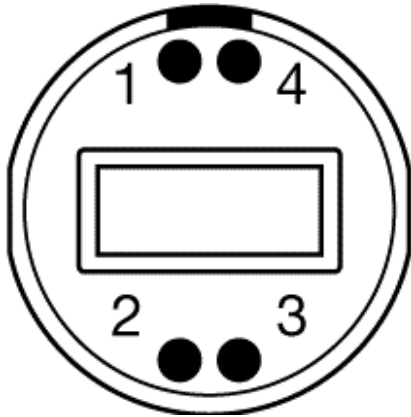
Cable termination protection

For cable bend relief

Fixation type

Cable collet

Drawings



Dimensions

	L	M	A
mm.	87	72	23
in.	3.43	2.83	0.91

Recommended By Lemo

Accessories

Replacement contact

[FGG.3B.555.ZZC](#)

Compatible cap

[BFG.3B.112.NAS](#)

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