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Summary

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Wire Size/AWG	30 - 22
Gender	Standard
Plug	Plug - Elbow
Locking system	Push-pull
Size	3B
Series	B - Indoor keyed

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/fhg-3b-934-clad81z.html

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Technical details

Electrical Configuration

Insulator	L: PEEK (UL 94 / V-0/1.5)
Contact Type	Solder
Contact Dia.	0.9
Wire Size/AWG	30 - 22
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	25 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	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

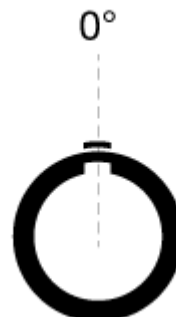
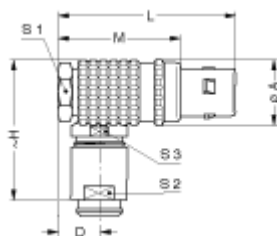
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Cable fixation

Cable termination protection	For cable bend relief
Fixation type	Cable collet

Drawings



Dimensions

	A	D	H	L	M	S1	S2	S3
mm.	19	10	37.8	50	35	17	15	15
in.	0.75	0.39	1.49	1.97	1.38	0.67	0.59	0.59

Recommended By Lemo

Accessories

Compatible cap

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

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