

Special



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Summary

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[fiber optic](#)

Nb of contacts Fiber optic	2
Gender	Standard
Plug	Plug - Fixed
Locking system	Push-pull
Size	3K
Series	K - Outdoor keyed

https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/fxr-3k-03a-clz.html

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Technical details

Electrical Configuration

Nb of contacts Fiber optic	2
Insert configuration value	3K.03A - 2 FO Type F2 (<= 140 um)
Footprint IPC Class3 compatibility	No
Insulator	L: PEEK (UL 94 / V-0/1.5)
Gender	Standard

Form & Material

Shell style / Model id	FX - Fixed plug with round flange and screw fixing
Plug	Fixed
Housing material	Brass (chrome plated [SAE AMS 2460]) shell, collet nut and latch sleeve, nickel plated [SAE AMS QQ N 290] brass mid pieces
Locking system	Push-pull
Keying	5 keys (alpha=95, beta=115, gamma=35, delta=25, plug: male contacts, receptacle: female contacts)
Colour	Grey
Weight	121.34 g

Environment

Technical domain	Audio Video, Energy and Industrial, Medical, Test and Measurement
Environmental sealing (IP rating)	IP68
Endurance	5000 mating cycles
Temperature range	-55°C / +200°C (max. temperature valid for short periods of use.)
Climatic Category	50/175/21
Humidity (max)	<=95% [at 60 deg C /140 F]
Shielding (min)	95 dB (10 MHz)
Shielding (min)	80 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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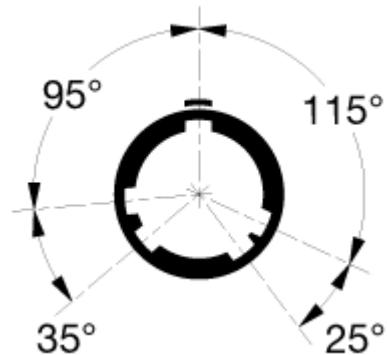
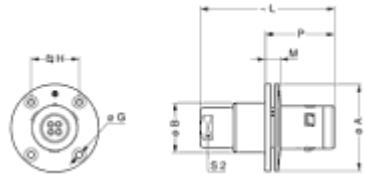
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Cable fixation

Fixation type

Cable collet

Drawings



Dimensions

	A	B	S2	G	P	M	L	H
mm.	38	22.5	15	3.4	30	10	61	20.6
in.	1.5	0.89	0.59	0.13	1.18	0.39	2.4	0.81

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