



Summary

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Nb of contacts Fiber optic	9
Gender	Reverse Gender
Plug	Plug - Straight
Locking system	Push-pull
Size	5K
Suggested matching part	EGL.5K.99B.CLA
Series	K - Outdoor keyed

https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/fgl-5k-99b-cllz.html

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Technical details

Electrical Configuration

Nb of contacts Fiber optic	9
Contact Termination Fiber optic	Solder
Insulator	L: PEEK (UL 94 / V-0/1.5)
Contact Type	Solder
Gender	Reverse Gender

Form & Material

Shell style / Model id	FG - Straight plug, cable collet
Plug	Straight
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	2 keys (gamma=75, plug: female contacts, receptacle: male contacts)
Colour	Grey
Weight	337.83 g

Environment

Technical domain	Audio Video, Energy and Industrial, Medical, Test and Measurement
Environmental sealing (IP rating)	IP68
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)	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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Cable fixation

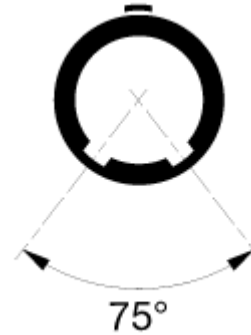
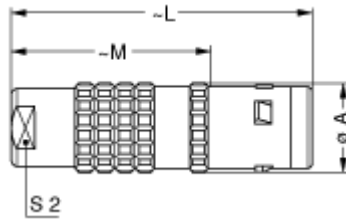
Cable termination protection

For cable bend relief

Fixation type

Cable collet

Drawings



Dimensions

	A	L	S2	M
mm.	38	92	30	67
in.	1.5	3.62	1.18	2.64

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