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Summary

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Nb of contacts Fiber optic	10
Gender	Standard
Plug	Plug - Fixed
Locking system	Push-pull
Jacket cable outside diameter [mm]	6.60 - 7.50 mm
Size	5K
Suggested matching part	EGG.5K.03J.CLZ
Series	K - Outdoor keyed

https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/fmg-5k-03j-clzt76z.html

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Technical details

Electrical Configuration

Nb of contacts Fiber optic	10
Insert configuration value	5K.03J - 10 FO Type F2 (<= 140 um)
Insulator	L: PEEK (UL 94 / V-0/1.5)
Gender	Standard

Form & Material

Shell style / Model id	FM - Fixed plug with round flange, four hole fixing, cable adapter and nut for fitting a bend relief
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	G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Colour	Grey
Variant	Nut for fitting a bend relief
Weight	616.13 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
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

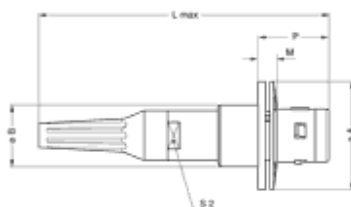
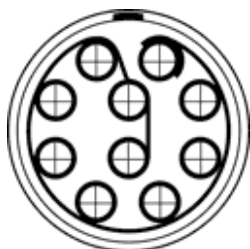
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Cable fixation

Cable termination protection	For cable bend relief
Fixation type	T type cable adapter
Jacket cable outside diameter [mm]	6.60 - 7.50 mm

Drawings



Dimensions

	H	L	M	P	G	A	B	S2
mm.	38	163.5	12.5	38.5	4.4	65	42.5	30
in.	1.5	6.44	0.49	1.52	0.17	2.56	1.67	1.18

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