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Summary

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Nb of contacts Fiber optic	2
Gender	Standard
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	5.60 - 6.50 mm
Size	3K
Series	K - Outdoor keyed

https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/fgr-3k-03a-clzt66z.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)
Insulator	L: PEEK (UL 94 / V-0/1.5)
Gender	Standard

Form & Material

Shell style / Model id	FG - Straight plug, cable adapter and nut for fitting a bend relief
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	5 keys (alpha=95, beta=115, gamma=35, delta=25, plug: male contacts, receptacle: female contacts)
Colour	Grey
Variant	Nut for fitting a bend relief
Weight	74.8 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

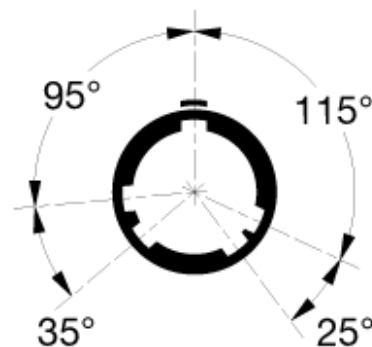
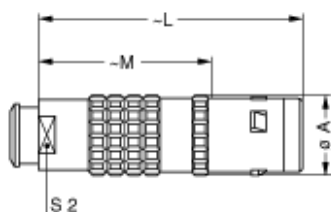
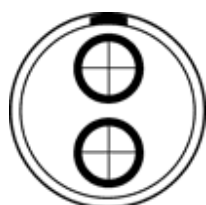
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Cable fixation

Cable termination protection	For cable bend relief
Fixation type	T type cable adapter
Jacket cable outside diameter [mm]	5.60 - 6.50 mm

Drawings



Dimensions

	M	L	A	S2
mm.	40	60	19	15
in.	1.57	2.36	0.75	0.59

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