



Image for illustrative purpose only

Summary

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Number of contacts Low Voltage	10
Number of contacts High Voltage	2
Gender	Standard
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	12.10 - 12.80 mm
Size	3K
Series	K - Outdoor keyed

https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/fgg-3k-7h0-cjck12.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	10
Contact Termination Low voltage	Crimp
Number of contacts High Voltage	2
Contact Termination High voltage	Crimp
Insert configuration value	3K.7H0 - 2 High V. 10 Low V.
Insulator	J: PEEK/PEEK
Rated current	2 A
Gender	Standard

Form & Material

Shell style / Model id	FG - Straight plug with oversize 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	G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Colour	Grey
Weight	104.71 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

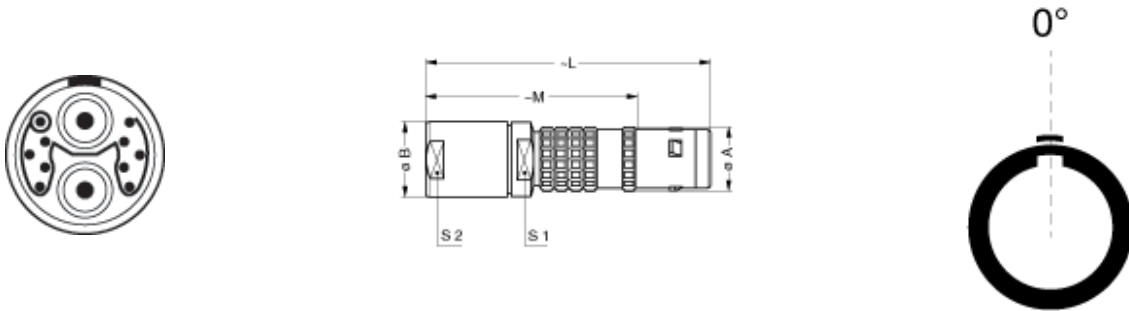
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Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	12.10 - 12.80 mm

Drawings



Dimensions

	M	L	B	S2	S1	A
mm.	65	85	22	19	19	19
in.	2.56	3.35	0.87	0.75	0.75	0.75

Recommended By Lemo

Accessories

Compatible cap

[BFG.3K.100.NAS](#)

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