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Summary

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Number of contacts Low Voltage	10
Nb of contacts Coax	6
Gender	Standard
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	13.60 - 14.50 mm
Size	5K
Suggested matching part	EGG.5K.892.CNL5
Series	K - Outdoor keyed

https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/fgg-5k-892-cnac145.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	10
Contact Termination Low voltage	Solder
Nb of contacts Coax	6
Contact Termination Coax - Conductor fixing	Solder
Contact Termination Coax - Screen fixing	Crimp
Insert configuration value	5K.892 - 6 Coax (75 Ohm), 10 Low V.
Insulator	N: PBT (discontinued)
Rated current	7 A
OHM	75
Test voltage (kV DC)	1
Cable type	RG 59 B/U
Gender	Standard

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	G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Colour	Grey
Weight	425.34 g

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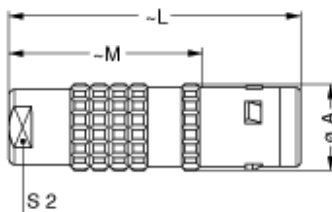
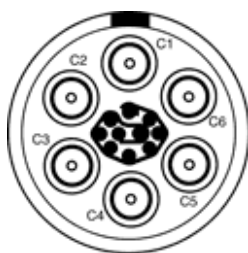
Environment

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.)
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

Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	13.60 - 14.50 mm

Drawings



Dimensions

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

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Recommended By Lemo

Accessories	
Compatible cap	BFG.5K.100.NAS
Tools	
Coax Tool	DCB.91.685.8TN
Die Tool	DPE.99.006.2K