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Summary

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Number of contacts Low Voltage	9
Nb of contacts Coax	4
Gender	Standard
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	22.60 - 23.50 mm
Size	4K
Series	K - Outdoor keyed

https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/fgg-4k-879-klak231.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	9
Contact Termination Low voltage	Solder
Nb of contacts Coax	4
Contact Termination Coax - Conductor fixing	Crimp
Contact Termination Coax - Screen fixing	Crimp
R (max)	5.8 mOhm
Insert configuration value	4K.879 - 4 Coax (50 Ohm), 9 Low V.
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	8 A
OHM	50
Test voltage (kV DC)	1.3
Cable type	RG 174 A/U, RG 188 A/U, RG 316 /U
Contact Dia.	0.7 mm (0.03in)
Gender	Standard

Form & Material

Shell style / Model id	FG - Straight plug with oversize cable collet
Plug	Straight
Housing material	Brass (black chrome) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
Locking system	Push-pull
Keying	G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Colour	Black
Weight	200.43 g

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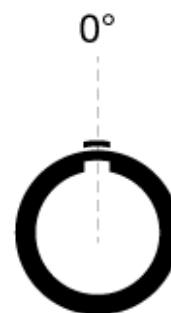
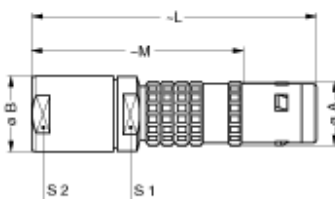
Environment

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
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]	22.60 - 23.50 mm

Drawings



Dimensions

	S2	S1	M	L	B	A
mm.	32	30	99	119.5	36	25
in.	1.26	1.18	3.9	4.7	1.42	0.98

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Recommended By Lemo

Accessories	
Compatible cap	BFG.4K.100.KAS
Tools	
Die Tool	DPE.99.103.8K
Extraction tool	DCC.91.CP1.LAG
Spanner wrench	DCD.4E.ZZZ.PA190