

*Image for illustrative purpose only*

## Summary

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Number of contacts High Voltage	6
Wire Size/AWG	30 - 22
Gender	Standard
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	4.10 - 4.50 mm
Size	2K
Suggested matching part	<a href="#">EGG.2K.436.CJA</a>
Series	K - Outdoor keyed

[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/fgg-2k-436-cjlc45z.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/fgg-2k-436-cjlc45z.html)

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# Technical details

## Electrical Configuration

Number of contacts High Voltage	6
Contact Termination High voltage	Solder
Insert configuration value	2K.436 - 6 High Voltage
Insulator	J: PEEK/PEEK
Rated current	3 A
Test voltage (kV AC)	6.4
Test voltage (kV DC)	9
Creepage distance	4.7 mm
Wire Size/AWG	30 - 22
Gender	Standard

## Form & Material

Shell style / Model id	FG - Straight plug, cable collet 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	G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Colour	Grey
Variant	Nut for fitting a bend relief

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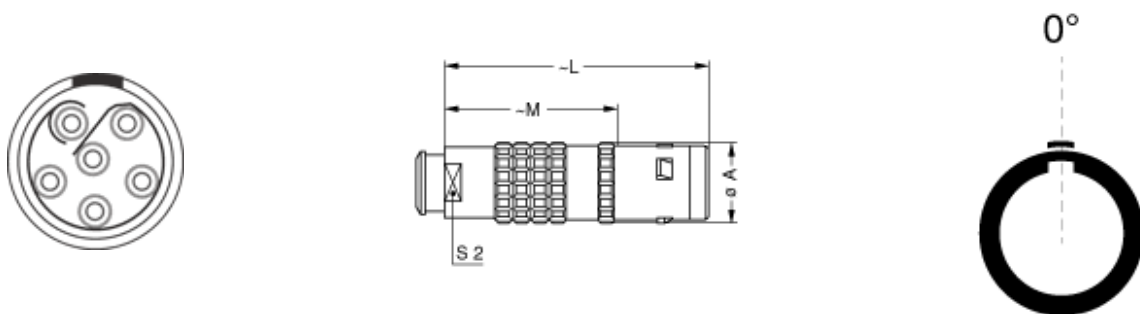
## Environment

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	For cable bend relief
Fixation type	Cable collet
Jacket cable outside diameter [mm]	4.10 - 4.50 mm

## Drawings



## Dimensions

	M	A	S2	L
mm.	36	16	12	52
in.	1.42	0.63	0.47	2.05

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# Recommended By Lemo

## Accessories

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Compatible cap	<a href="#">BFG.2K.100.NAS</a>
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