



## Summary

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Low Voltage	4
High Voltage	2
Gender	Standard
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	10.60 - 12.00 mm
Size	3K
Series	K - Outdoor keyed

## Technical details

### Electrical Configuration

Contact Termination Low voltage	Solder
Contact Termination High voltage	Solder
Insert configuration value	3K.7H4 - 2 High V. 2 Low V.
Insulator	J: PEEK/PEEK
Rated current	2 Amps
Contact Type	Solder
Low Voltage	4
High Voltage	2
Gender	Standard

[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/fgg-3k-7h4-cjak11.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/fgg-3k-7h4-cjak11.html)

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## 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	1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Weight	104.71 g

## Environment

Technical domain	Audio Video, Energy and Industrial, Medical, Test and Measurement
Environmental protection (IP rating)	IP68
Minimal temperature	-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

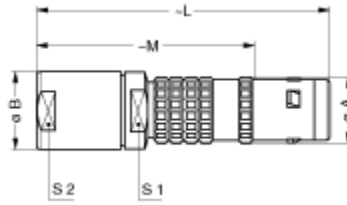
## Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	10.60 - 12.00 mm

# Drawings

[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/fgg-3k-7h4-cjak11.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/fgg-3k-7h4-cjak11.html)

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## Dimensions

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

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