

Special



*Image for illustrative purpose only*

## Summary

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BKT series

Number of contacts Low Voltage	24
Wire Size/AWG	30 - 22
Gender	Standard
Plug	Plug - Fixed
Locking system	Push-pull
Size	3K
Series	K - Outdoor keyed

[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/fxg-3k-324-kllz.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/fxg-3k-324-kllz.html)

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# Technical details

## Electrical Configuration

Number of contacts Low Voltage	24
Contact Termination Low voltage	Solder
R (max)	6.1 mOhm
Insert configuration value	3K.324 - 24 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	4 A
Vtest (contact-contact)	1.4 kV (DC)
Vtest (contact-shell)	1.1 kV (DC)
Max. Solid Conductor	0.34 mm <sup>2</sup> (AWG 22)
Max. Stranded Conductor	0.34 mm <sup>2</sup> (AWG 22)
Bucket Dia.	0.8 mm (0.031in)
Contact Dia.	0.7 mm (0.028in)
Wire Size/AWG	30 - 22
Gender	Standard

## Form & Material

Shell style / Model id	FX - Fixed plug with round flange and screw fixing
Plug	Fixed
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	131.09 g

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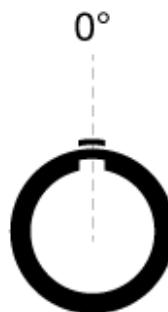
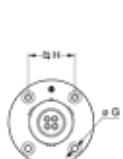
## Environment

Technical domain	Audio Video, Energy and Industrial, Medical, Test and Measurement
Environmental sealing (IP rating)	IP50
Endurance	5000 mating cycles
Temperature range	-55°C / +200°C (max. temperature valid for short periods of use.)
Climatic 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

Fixation type	Cable collet
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## Drawings



## Dimensions

	<b>A</b>	<b>B</b>	<b>S2</b>	<b>G</b>	<b>P</b>	<b>M</b>	<b>L</b>	<b>H</b>
mm.	38	22.5	15	3.4	30	10	61	20.6
in.	1.5	0.89	0.59	0.13	1.18	0.39	2.4	0.81

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# CAD

## Documents

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Eplan

[Download](#)

[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/fxg-3k-324-kliz.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/fxg-3k-324-kliz.html)

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