



*Image for illustrative purpose only*

## Summary

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Nb of contacts Fiber optic	1
Gender	Standard
Plug	Plug - Straight
Locking system	Push-pull
Size	0K
Series	K - Outdoor keyed

[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/fgg-0k-bb2-ccbe30g.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/fgg-0k-bb2-ccbe30g.html)

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# Technical details

## Electrical Configuration

Nb of contacts Fiber optic	1
Insert configuration value	0K.BB2 - 1 FO 126 um hole
Insulator	C: Zirconia Ceramic
Core/Cladding (um)	50/125
Ferrule Material	Zirconia Ceramic
Hole dia.(um)	126
Contact Type	F2 (single- or multi-mode, cladding 125-140 um)
Gender	Standard

## Form & Material

Shell style / Model id	FG - Straight plug key (G) or (B) with bend relief included
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	Gasket and O-ring in EPDM
Weight	15.31 g

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## Environment

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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

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Cable termination protection	Standard back nut (no additional protection)
Fixation type	Crimp

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