



Image for illustrative purpose only

## Summary

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[Catalog](#)

Number of contacts Low Voltage	9
Wire Size/AWG	34 - 28
Gender	Standard
Locking system	Push-pull
Size	0K
Series	K - Outdoor keyed

[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/fgg-0k-309-cb70ts.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/fgg-0k-309-cb70ts.html)

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# Technical details

## Electrical Configuration

Number of contacts Low Voltage	9
Insert configuration value	0K.309 - 9 Low Voltage
Rated current	2.5 A
Contact Dia.	0.5
Wire Size/AWG	34 - 28
Gender	Standard

## Form & Material

Shell style / Model id	0K - DONGLE THOMSON® SD for MEERKAT
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

## 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

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## Cable fixation

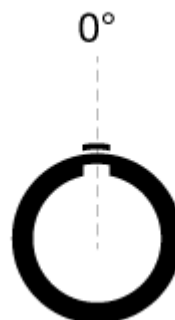
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Cable termination protection

Standard back nut (no additional protection)

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## Drawings



## Recommended By Lemo

### Accessories

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Compatible cap

[BFG.0K.100.NAS](#)

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