

## Standard



*Image for illustrative purpose only*

## Summary

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[BKT series](#)

[Customer Drawing](#)

Number of contacts Low Voltage	8
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Size	1K
Suggested matching part	<a href="#">FGG.1K.308.CLAC35</a>
Series	K - Outdoor keyed

# Technical details

## Electrical Configuration

Number of contacts Low Voltage	8
Contact Termination Low voltage	PCB - Elbow
R (max)	6.1 mOhm
Insert configuration value	1K.308 - 8 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Vtest (contact-contact)	1.1 kV (DC)
Vtest (contact-shell)	1 kV (DC)
Contact Dia.	0.7 mm (0.028in)
Gender	Standard

## Form & Material

Shell style / Model id	EE - Fixed receptacle, nut fixing, with elbow contacts for printed circuit (back panel mounting)
Socket / Receptacle	Fixed Panel Rear Mounted
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
Weight	20.68 g

[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/eeg-1k-308-clv.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/eeg-1k-308-clv.html)

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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 (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

## Recommended By Lemo

### Accessories

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Compatible cap	<a href="#">BRE.1K.200.NAS</a>
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### Tools

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Spanner 2	<a href="#">DCM.65.176.AZ6</a>
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Spanner wrench	<a href="#">Socket for torque wrench DCM.1E.M16.6</a>
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## CAD

### Documents

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PCB	<a href="#">Download</a>
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PCB Eagle	<a href="#">Download</a>
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Kicad	<a href="#">Download</a>
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PCB Altium	<a href="#">Download</a>
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[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/eeg-1k-308-clv.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/eeg-1k-308-clv.html)

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