

Standard



*Image for illustrative purpose only*

## Summary

[Request a quote](#)

BKT series

Number of contacts Low Voltage	14
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Panel Drill Hole	M16
Size	1K
Suggested matching part	<a href="#">FGG.1K.314.CLAC50</a>
Series	K - Outdoor keyed

[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/egg-1k-314-cln.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/egg-1k-314-cln.html)

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# Technical details

## Electrical Configuration

Number of contacts Low Voltage	14
Contact Termination Low voltage	PCB - Straight
R (max)	8.7 mOhm
Insert configuration value	1K.314 - 14 Low Voltage
Footprint IPC Class3 compatibility	No
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	2 A
Vtest (contact-contact)	1.1 kV (DC)
Vtest (contact-shell)	1.7 kV (DC)
Contact Dia.	0.5 mm (0.02in)
Gender	Standard

## Form & Material

Shell style / Model id	EG - Fixed receptacle, nut fixing
Socket / Receptacle	Fixed Panel Front 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	21.37 g
Panel Drill Hole	M16

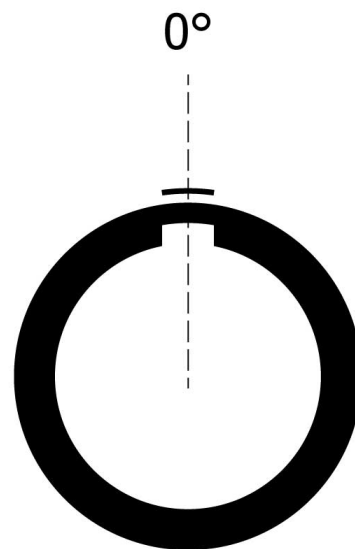
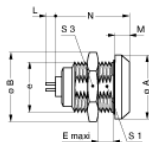
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## Environment

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.)
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

## Drawings



[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/egg-1k-314-cln.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/egg-1k-314-cln.html)

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## Dimensions

	<b>e</b>	<b>E</b>	<b>Lmax</b>	<b>M</b>	<b>N</b>	<b>S1</b>	<b>S3</b>	<b>A</b>	<b>B</b>
mm.	M16x1.0	9	29.1	4.5	25.1	14.5	19	20	21.5
in.		0.35	1.15	0.18	0.99	0.57	0.75	0.79	0.85

## Recommended By Lemo

### Caps

Compatible cap [BRE.1K.200.NAS](#)

Cap 2 [BRE.1K.200.CAS](#)

## CAD

### Documents

PCB Eagle [Download](#)

[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/egg-1k-314-cln.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/egg-1k-314-cln.html)

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