



Image for illustrative purpose only

## Summary

[Request a quote](#)

[Catalog](#)

Number of contacts Low Voltage	16
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Size	4K
Suggested matching part	<a href="#">FGG.4K.316.CLAC10</a>
Series	K - Outdoor keyed

[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/eeg-4k-316-cln.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/eeg-4k-316-cln.html)

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

# Technical details

## Electrical Configuration

Number of contacts Low Voltage	16
Contact Termination Low voltage	PCB - Straight
R (max)	4.8 mOhm
Insert configuration value	4K.316 - 16 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	10 A
Vtest (contact-contact)	1350 V (AC), 1910 V (DC)
Vtest (contact-shell)	1500 V (AC), 2150 V (DC)
Contact Dia.	0.9 mm (0.035in)
Gender	Standard

## Form & Material

Shell style / Model id	EE - Fixed receptacle, nut fixing (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	89.69 g

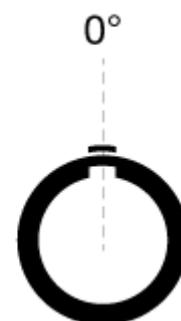
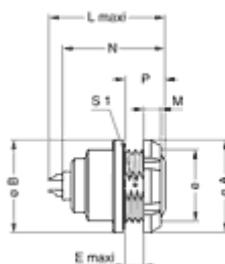
[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/eeg-4k-316-cln.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/eeg-4k-316-cln.html)

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

## 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
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

## Drawings



## Dimensions

	<b>N</b>	<b>M</b>	<b>L</b>	<b>E</b>	<b>e</b>	<b>B</b>	<b>A</b>	<b>S1</b>	<b>P</b>
mm.	38.6	7	40.2	6	M30x1.0	37	41.5	28.5	13.5
in.	1.52	0.28	1.58	0.24		1.46	1.63	1.12	0.53

[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/eeg-4k-316-cln.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/eeg-4k-316-cln.html)

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

# Recommended By Lemo

## Accessories

---

Compatible cap

[BRE.4K.200.NAS](#)

[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/eeg-4k-316-cln.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/eeg-4k-316-cln.html)

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.