



## Summary

[Request a quote](#)

[Catalog](#)

Number of contacts Low Voltage	3
Wire Size/AWG	28 - 20
Gender	Reverse Gender
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Size	OK
Series	K - Outdoor keyed

[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/eel-0k-303-clv.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/eel-0k-303-clv.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

Contact Termination Low voltage	PCB - Elbow
R (max)	4.8 mOhm
Insert configuration value	0K.303 - 3 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Vtest (contact-contact)	1200 V (AC), 1700 V (DC)
Vtest (contact-shell)	900 V (AC), 1270 V (DC)
Contact Type	Print (elbow)
Contact Dia.	0.9 mm (0.035in)
Number of contacts Low Voltage	3
Wire Size/AWG	28 - 20
Gender	Reverse Gender

## 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	2 keys (gamma=75, plug: female contacts, receptacle: male contacts)
Weight	12.36 g

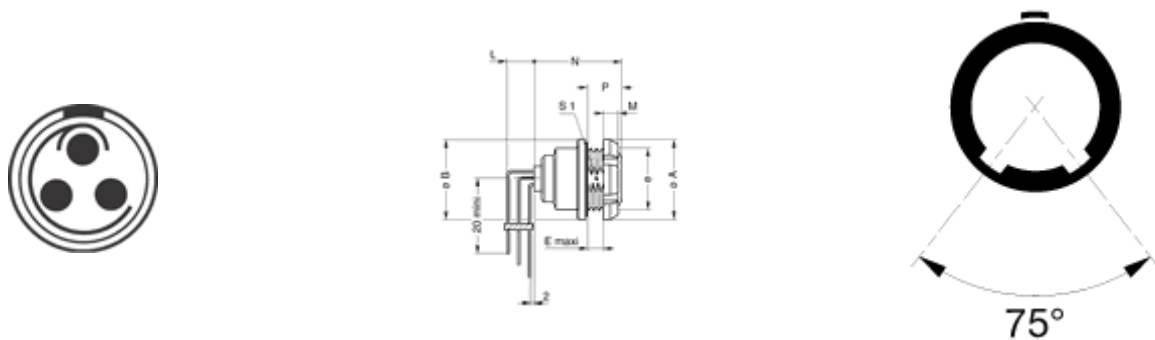
[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/eel-0k-303-clv.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/eel-0k-303-clv.html)

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>e</b>	<b>A</b>	<b>N</b>	<b>M</b>	<b>E</b>	<b>P</b>	<b>S1</b>	<b>B</b>
mm.	M14x1.0	18	19.3	3.5	3.4	7	12.5	18
in.		0.71	0.76	0.14	0.13	0.28	0.49	0.71

[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/eel-0k-303-clv.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/eel-0k-303-clv.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.