



## Summary

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Number of contacts Low Voltage	18
Wire Size/AWG	30 - 22
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Size	3K
Suggested matching part	<a href="#">FGG.3K.318.CLAC10</a>
Series	K - Outdoor keyed

[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/eeg-3k-318-clv.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/eeg-3k-318-clv.html)

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# Technical details

## Electrical Configuration

Contact Termination Low voltage	PCB - Elbow
R (max)	4.8 mOhm
Insert configuration value	3K.318 - 18 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Vtest (contact-contact)	1200 V (AC), 1700 V (DC)
Vtest (contact-shell)	1050 V (AC), 1490 V (DC)
Contact Type	Print (elbow)
Contact Dia.	0.9 mm (0.035in)
Number of contacts Low Voltage	18
Wire Size/AWG	30 - 22
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	1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Weight	64.37 g

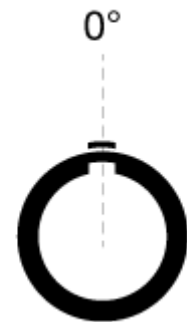
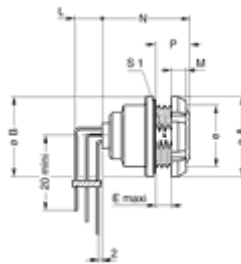
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## Environment

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
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>e</b>	<b>B</b>	<b>A</b>	<b>M</b>	<b>N</b>	<b>P</b>	<b>S1</b>
mm.	7.5	M24x1.0	31	30	4.5	31.3	12	22.5
in.	0.3		1.22	1.18	0.18	1.23	0.47	0.89

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