



Summary

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Number of contacts Low Voltage	14
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Size	1K
Suggested matching part	FGB.1K.314.CLAC45
Series	K - Outdoor keyed

https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/eeb-1k-314-cln.html

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Technical details

Electrical Configuration

Contact Termination Low voltage	PCB - Straight
R (max)	8.7 mOhm
Insert configuration value	1K.314 - 14 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	2 A
Vtest (contact-contact)	800 V (AC), 1130 V (DC)
Vtest (contact-shell)	1200 V (AC), 1700 V (DC)
Contact Type	Print (straight)
Contact Dia.	0.5 mm (0.02in)
Number of contacts Low Voltage	14
Gender	Standard

Form & Material

Shell style / Model id	EE - Fixed receptacle, nut fixing, with straight 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 (alpha=45, plug: male contacts, receptacle: female contacts)
Weight	19.45 g

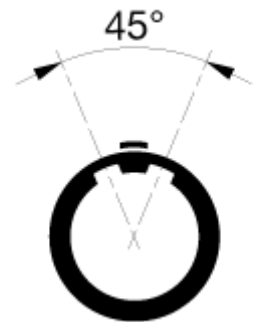
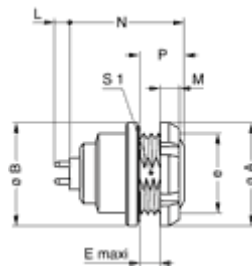
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Environment

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

	N	M	P	e	B	A	S1	E
mm.	23.8	3.5	10	M16x1.0	20	20	14.5	6.2
in.	0.94	0.14	0.39		0.79	0.79	0.57	0.24

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