



Image for illustrative purpose only

Summary

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Nb of contacts Coax	6
Number of contacts Low Voltage	22
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	4.00 - 28.60 mm
Size	4K
Series	K - Outdoor keyed

https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/eeg-4k-894-cll2.html

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Technical details

Electrical Configuration

Contact Termination Low voltage	Solder
Nb of contacts Coax	6
Contact Termination Coax	Solder
Insulator	L: PEEK (UL 94 / V-0/1.5)
Test voltage (kV DC)	1.3
Coax contact resistance	<6mOhms
Contact Type	Coaxial 50 Ohm (Solder) Type E
Shell elec. Continuity	<2 mOhms
Cable type	RG 178 B/U, RG 196 A/U
Number of contacts Low Voltage	22
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	113.76 g

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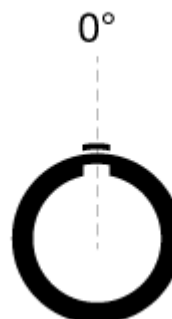
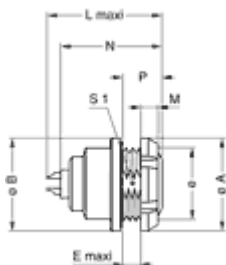
Environment

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

Cable fixation

Jacket cable outside diameter [mm]	4.00 - 28.60 mm
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Drawings



Dimensions

	N	M	L	E	e	B	A	S1	P
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

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Recommended By Lemo

Accessories

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

Tools

Coax Tool [DCC.91.050.2LA](#)

Die Tool [DPE.99.002.5K](#)

Spanner wrench [Socket for torque wrench DCM.65.320.AZ](#)

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