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Summary

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Number of contacts Low Voltage	6
Nb of contacts Coax	1
Wire Size/AWG	30 - 22
Gender	Reverse Gender
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front 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/egl-4k-806-cla6.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	6
Contact Termination Low voltage	Solder
Nb of contacts Coax	1
Contact Termination Coax - Conductor fixing	Solder
Contact Termination Coax - Screen fixing	Collet
Insert configuration value	4K.806 - 1 Coax (50 Ohm), 6 Low V.
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	10 A
OHM	50
Test voltage (kV DC)	1.4
Cable type	RG 58 C/U
Contact Dia.	0.9
Wire Size/AWG	30 - 22
Gender	Reverse Gender

Form & Material

Shell style / Model id	EG - Fixed receptacle, nut fixing
Socket / Receptacle	Fixed Panel Front 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)
Colour	Grey
Weight	111.85 g

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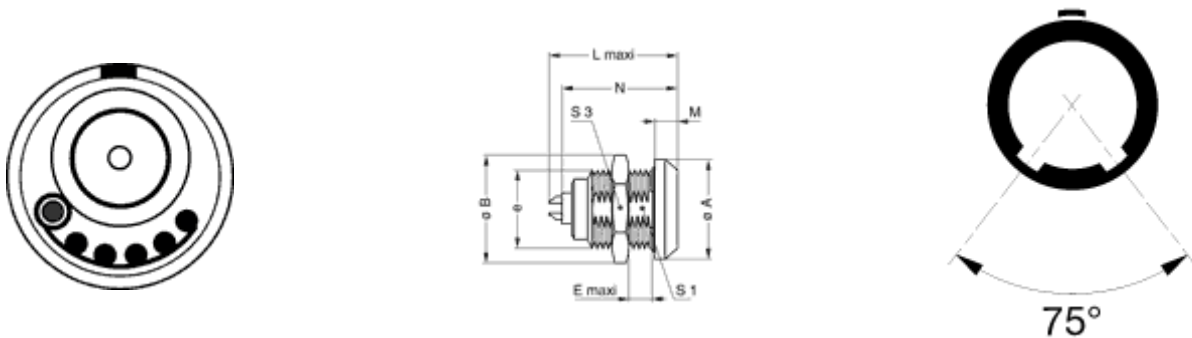
Environment

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 (max. temperature valid for short periods of use.)
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

	A	B	e	E	L	M	N	S3	S1
mm.	37	41.5	M30x1.0	9	40.2	6.5	38.6	36	28.5
in.	1.46	1.63		0.35	1.58	0.26	1.52	1.42	1.12

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Recommended By Lemo

Accessories

Compatible cap	BRE.4K.200.NAS
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