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Summary

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Nb of contacts Fiber optic	2
Gender	Reverse Gender
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	2.00 - 22.60 mm
Size	3K
Series	K - Outdoor keyed

https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/egl-3k-97e-clc.html

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Technical details

Electrical Configuration

Nb of contacts Fiber optic	2
Contact Termination Fiber optic	Crimp
Insert configuration value	3K.97E - 2 FO Type F2, 6 LV
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	8 A
Fiber Optic Contact	Type F1 (must be ordered separately)
Vtest (contact-contact)	1000 V (AC), 1400 V (DC)
Vtest (contact-shell)	800 V (AC), 1130 V (DC)
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	64.4 g

Environment

Technical domain	Audio Video, Energy and Industrial, Medical, Test and Measurement
Environmental sealing (IP rating)	IP68
Endurance	5000 mating cycles
Temperature range	-40°C / +80°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

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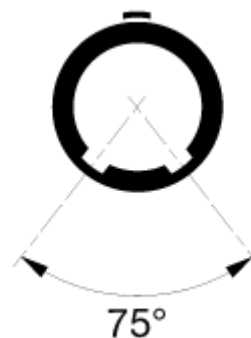
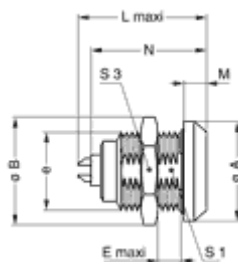
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Cable fixation

Jacket cable outside diameter [mm]

2.00 - 22.60 mm

Drawings



Dimensions

	e	E	L	M	N	S1	S3	A	B
mm.	M24x1.0	11	36.2	6	33.6	22.5	30	31	34.5
in.		0.43	1.43	0.24	1.32	0.89	1.18	1.22	1.36

Recommended By Lemo

Accessories

Compatible cap

[BRE.3K.200.NAS](#)

Tools

Positionner

[DCE.91.093.BVC](#)

Extraction tool

[DCC.91.091.5LA](#)

Extraction tool 2

[DCC.09.05B.LAG](#)

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