

## Summary

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Number of contacts Low Voltage	24
Gender	Standard
Locking system	Push-pull
Size	4K
Series	K - Outdoor keyed

[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/slg-4k-324-clap.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/slg-4k-324-clap.html)

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# Technical details

## Electrical Configuration

Insert configuration value	4K.324 - 24 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	7 A
Vtest (contact-contact)	1200 V (AC), 1700 V (DC)
Vtest (contact-shell)	1450 V (AC), 2050 V (DC)
Contact Type	Solder
Contact Dia.	0.9 mm (0.04in)
Number of contacts Low Voltage	24
Gender	Standard

## Form & Material

Shell style / Model id	SLG - Fixed coupler, nut fixing, key (G) or keys (L) at the flange end, and key (G) or keys (C or L) at the other end, watertight or vacuumtight
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	Front side: 2 key (gamma=75, male) , Other side: 1 key (alpha=0, female)
Variant	Watertight unmated (connector to device)
Weight	253.36 g

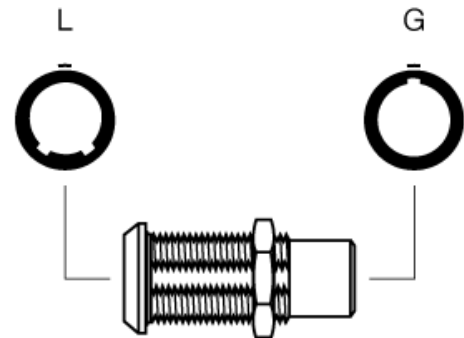
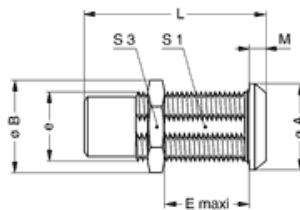
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## Environment

Technical domain	Audio Video, Energy and Industrial, Medical, Test and Measurement
Environmental sealing (IP rating)	IP68
Endurance	5000 mating cycles
Temperature range	-20°C / +80°C
Climatical Category	20/80/21
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]
Pressure	15 bars
Salt Spray Corrosion	>1000 hr

## Drawings



## Dimensions

	<b>A</b>	<b>B</b>	<b>e</b>	<b>E</b>	<b>L</b>	<b>M</b>	<b>S1</b>	<b>S3</b>
mm.	37	40.5	M30x1.0	48	74	6.5	28.5	36
in.	1.46	1.59		1.89	2.91	0.26	1.12	1.42

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