

Summary

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Number of contacts Low Voltage	7
Gender	Standard
Locking system	Push-pull
Size	2K
Series	K - Outdoor keyed

https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/slg-2k-307-tlapve.html

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Technical details

Electrical Configuration

Insert configuration value	2K.307 - 7 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	11 A
Vtest (contact-contact)	1750 V (AC), 2500 V (DC)
Vtest (contact-shell)	1600 V (AC), 2250 V (DC)
Contact Type	Solder
Contact Dia.	1.3 mm (0.05in)
Number of contacts Low Voltage	7
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	Stainless steel 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	PVE : Potted, vaccum-tested, EPDM
Weight	72.3 g

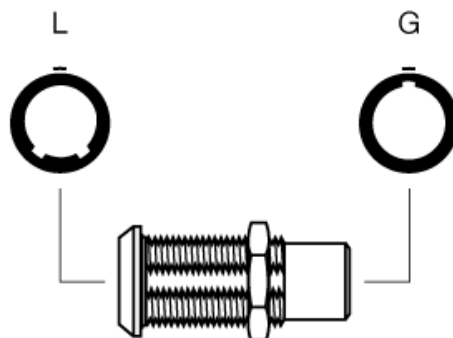
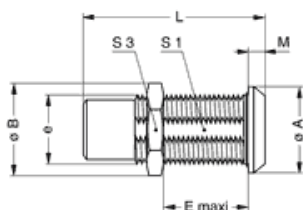
Environment

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	40 bars
R leak (He) (max)	0.0000001 mbar*/s (if vacuum-tested)

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Drawings



Dimensions

	A	B	e	E	L	M	S1	S3
mm.	25	27	M20x1.0	25	52.4	5	18.5	24
in.	0.98	1.06		0.98	2.06	0.2	0.73	0.94

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