



Summary

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Number of contacts Low Voltage	4
Gender	Reverse Gender
Locking system	Push-pull
Size	2K
Series	K - Outdoor keyed

https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/sgl-2k-304-cllp.html

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Technical details

Electrical Configuration

Insert configuration value	2K.304 - 4 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	15 A
Vtest (contact-contact)	1850 V (AC), 2600 V (DC)
Vtest (contact-shell)	1850 V (AC), 2600 V (DC)
Contact Type	Solder
Contact Dia.	1.3 mm (0.05in)
Number of contacts Low Voltage	4
Gender	Reverse Gender

Form & Material

Shell style / Model id	SGL - Fixed coupler, watertight or vacuum-tight
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: 1 key (alpha=0, female) , Other side: 2 keys (gamma=75, male)
Variant	Watertight unmated (connector to device)
Weight	24.7 g

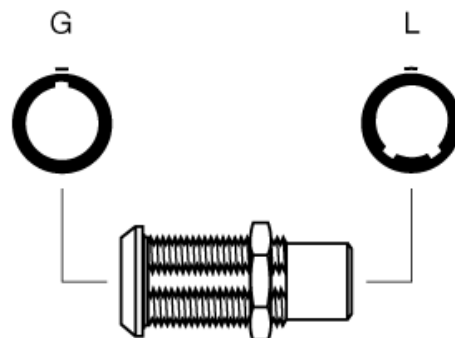
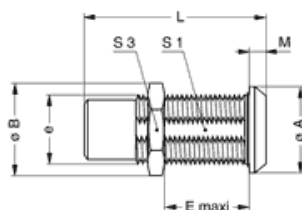
Environment

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
Salt Spray Corrosion	>1000 hr

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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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