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Summary

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Number of contacts Low Voltage	10
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-310-cllpv.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	10
R (max)	4.8 mOhm
Insert configuration value	2K.310 - 10 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	8 A
Vtest (contact-contact)	2 kV (DC)
Vtest (contact-shell)	1.9 kV (DC)
Max. Solid Conductor	0.34 mm ² (AWG 22)
Max. Stranded Conductor	0.34 mm ² (AWG 22)
Bucket Dia.	0.8 mm (0.031in)
Contact Dia.	0.9 mm (0.04in)
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)
Colour	Grey
Variant	Watertight / Vacuum-tested unmated (connector to device)
Weight	75.7 g

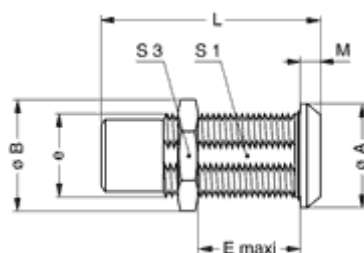
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Environment

Technical domain	Audio Video, Energy and Industrial, Medical, Test and Measurement
Environmental sealing (IP rating)	Hermetic unmated
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*l/s (if vacuum-tested)
Salt Spray Corrosion	>1000 hr

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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Recommended By Lemo

Accessories	
Compatible cap	BRE.2K.200.NAS