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## Summary

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Number of contacts Low Voltage	10
Gender	Reverse Gender
Locking system	Push-pull
Size	3B
Suggested matching part	<a href="#">FGJ.3B.310.CLLD12</a>
Series	B - Indoor keyed

[https://www.lemo.com/int\\_en/solutions/originals/b-indoor-keyed/sgj-3b-310-cllpv.html](https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/sgj-3b-310-cllpv.html)

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# Technical details

## Electrical Configuration

Insert configuration value	3B.310 - 10 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	12 A
Vtest (contact-contact)	1250 V (AC), 1770 V (DC)
Vtest (contact-shell)	900 V (AC), 1270 V (DC)
Contact Type	Solder
Contact Dia.	1.3 mm (0.05in)
Number of contacts Low Voltage	10
Gender	Reverse Gender

## Form & Material

Shell style / Model id	SLG.5K/P - Fixed coupler, nut fixing, keys (G, A, B, J, K, L) at the flange end and keys (G, A, B, J, K, L) at the other end, watertight or vacuum-tight
Housing material	Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
Locking system	Push-pull
Keying	Front side: 1 key (alpha=0, female) , Other side: 2 keys (alpha=37.5, male)
Colour	Grey
Variant	Watertight / Vacuum-tested unmated (connector to device)
Weight	82.45 g

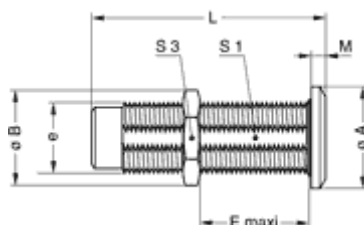
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## Environment

Technical domain	Audio Video, Energy and Industrial, Medical, Semiconductor, Specialties and Other, Test and Measurement, Transportation, Aerospace and UAV
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)	75 dB (10 MHz)
Shielding (min)	40 dB (1 GHz)
Shock Resistance	100 g [ 6 ms]
Vibration	15 g [10 Hz - 2000 Hz]
Pressure	30 bars
R leak (He) (max)	0.0000001 mbar*/s (if vacuum-tested)
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.	25	27	M20x1.0	30	53	4	18.5	24
in.	0.98	1.06		1.18	2.09	0.16	0.73	0.94

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# Recommended By Lemo

## Accessories

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Compatible cap

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

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