

Summary

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Number of contacts Low Voltage	7
Gender	Reverse Gender
Locking system	Push-pull
Size	0B
Series	B - Indoor keyed

Technical details

Electrical Configuration

Insert configuration value	0B.307 - 7 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	2.5 Amps
Vtest (contact-contact)	800 V (AC), 1130 V (DC)
Vtest (contact-shell)	700 V (AC), 990 V (DC)
Contact Type	Solder
Contact Dia.	0.5 mm (0.02in)
Number of contacts Low Voltage	7
Gender	Reverse Gender

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/sgj-0b-307-cllpv.html

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Form & Material

Shell style / Model id	SGJ - 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 (gamma=45, male)
Variant	Watertight / Vacuum-tested unmated (connector to device)
Weight	12.57 g

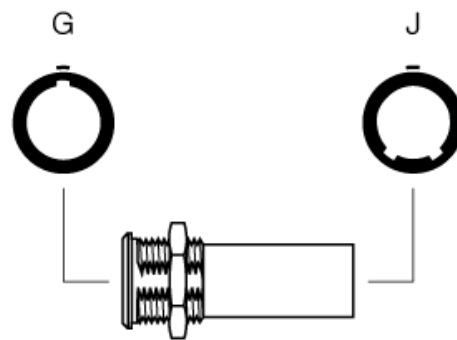
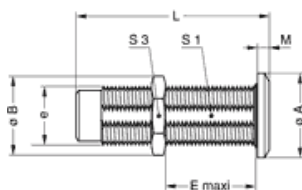
Environment

Technical domain	Audio Video, Energy and Industrial, Medical, Semiconductor, Specialties and Other, Test and Measurement, Transportation, Aerospace and UAV
Environmental protection (IP rating)	Hermetic unmated
Minimal temperature	-20°C / +100°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	60 bars
R leak (He) (max)	0.0000001 mbar*l/s (if vacuum-tested)
Salt Spray Corrosion	>1000 hr

Drawings

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/sgj-0b-307-cllpv.html

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Dimensions

	A	B	e	E	L	M	S1	S3
mm.	14	13.8	M10x0.75	17	34	2	9	12
in.	0.55	0.54		0.67	1.34	0.08	0.35	0.47

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/skj-0b-307-cllpv.html

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