



Summary

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Low Voltage	18
Gender	Reverse Gender
Locking system	Push-pull
Size	3B
Series	B - Indoor keyed

Technical details

Electrical Configuration

R (max)	4.8 mOhm
Insert configuration value	3B.318 - 18 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	7 Amps
Vtest (contact-contact)	1200 V (AC), 1700 V (DC)
Vtest (contact-shell)	1050 V (AC), 1490 V (DC)
Contact Type	Solder
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)
Low Voltage	18
Gender	Reverse Gender

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/rgj-3b-318-cll.html

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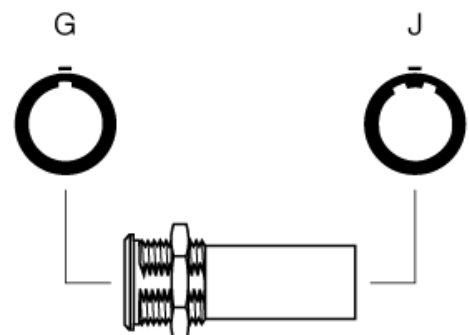
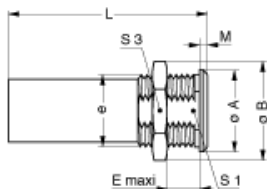
Form & Material

Shell style / Model id	RG - Fixed coupler, nut fixing, key (G) at the flange end and keys (G,J or M) at the other end
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)
Weight	80.77 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)	IP50
Minimal temperature	-55°C / +250°C
Climatical Category	50/175/21
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]
Salt Spray Corrosion	>1000 hr

Drawings



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Dimensions

	A	B	e	E	L	M	S1	S3
mm.	25	27.5	M20x1.00	32	53	4	18.5	24
in.	0.98	1.08		1.26	2.09	0.16	0.73	0.94

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