



*Image for illustrative purpose only*

## Summary

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Number of contacts Low Voltage	30
Gender	Reverse Gender
Locking system	Push-pull
Size	3B
Series	B - Indoor keyed

[https://www.lemo.com/int\\_en/solutions/originals/b-indoor-keyed/rak-3b-330-cll.html](https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/rak-3b-330-cll.html)

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# Technical details

## Electrical Configuration

Insert configuration value	3B.330 - 30 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	3.5 A
Vtest (contact-contact)	800 V (AC), 1130 V (DC)
Vtest (contact-shell)	700 V (AC), 990 V (DC)
Contact Type	Solder
Contact Dia.	0.7 mm (0.03in)
Number of contacts Low Voltage	30
Gender	Reverse Gender

## Form & Material

Shell style / Model id	RA - Fixed coupler, nut fixing, keys (A) at the flange end and keys (A or K) 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: 2 keys (alpha=30, female) , Other side: 2 keys (alpha=52.5, male)
Colour	Grey
Weight	81.32 g

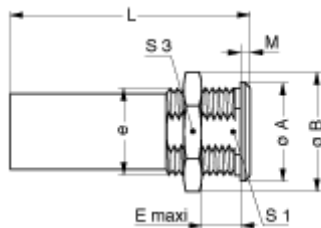
## Environment

Technical domain	Audio Video, Energy and Industrial, Medical, Semiconductor, Specialties and Other, Test and Measurement, Transportation, Aerospace and UAV
Environmental sealing (IP rating)	IP50
Endurance	5000 mating cycles
Temperature range	-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

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# 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	27.5	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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