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## Summary

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Number of contacts Low Voltage	5
Wire Size/AWG	36 - 28
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Size	00
Suggested matching part	<a href="#">FGG.00.305.KLAD22Z</a>
Series	B - Indoor keyed

[https://www.lemo.com/int\\_en/solutions/originals/b-indoor-keyed/egg-00-305-kll.html](https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/egg-00-305-kll.html)

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# Technical details

## Electrical Configuration

Contact Termination Low voltage	Solder
R (max)	8.7 mOhm
Insert configuration value	0.305 - 5 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	1.7 A
Contact Type	Solder
Max. Solid Conductor	0.09 mm <sup>2</sup> (AWG 28)
Max. Stranded Conductor	0.05 mm <sup>2</sup> (AWG 30)
Bucket Dia.	0.4 mm (0.016in)
Contact Dia.	0.35 mm (0.01in)
Number of contacts Low Voltage	5
Wire Size/AWG	36 - 28

## Form & Material

Shell style / Model id	EG - Fixed receptacle, nut fixing
Socket / Receptacle	Fixed Panel Front Mounted
Housing material	Brass (black chrome) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
Locking system	Push-pull
Keying	G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Weight	2.61 g

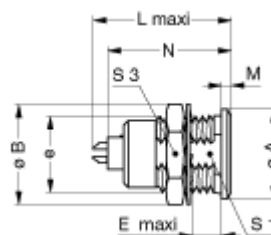
## Environment

Environmental sealing (IP rating)	IP50
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

[https://www.lemo.com/int\\_en/solutions/originals/b-indoor-keyed/egg-00-305-kl.html](https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/egg-00-305-kl.html)

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# Drawings



## Dimensions

	<b>B</b>	<b>e</b>	<b>L</b>	<b>M</b>	<b>N</b>	<b>S1</b>	<b>S3</b>	<b>A</b>	<b>E</b>
mm.	10.3	M7x0.5	15.5	1	13.7	6.3	9	8	6
in.	0.41		0.61	0.04	0.54	0.25	0.35	0.31	0.24

## Recommended By Lemo

### Accessories

Compatible cap [BRE.00.200.KAS](#)

### Tools

Spanner [DCA.91.149.0TN](#)

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