



## Summary

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Low Voltage	5
Wire Size/AWG	30 - 22
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Matching parts	<a href="#">FGG.0K.305.CLAC50</a>
Series	K - Outdoor keyed

## Technical details

[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/egg-0k-305-cli.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/egg-0k-305-cli.html)

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## Electrical Configuration

Termination Low voltage	Solder
R (max)	6.1 mOhm
Insert configuration value	0K.305 - 5 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	6.5 Amps
Vtest (contact-contact)	1000 V (AC), 1400 V (DC)
Vtest (contact-shell)	700 V (AC), 990 V (DC)
Contact Type	Solder
Max. Solid Conductor	0.34 mm <sup>2</sup> (AWG 22)
Max. Stranded Conductor	0.34 mm <sup>2</sup> (AWG 22)
Bucket Dia.	0.8 mm (0.031in)
Contact Dia.	0.7 mm (0.028in)
Low Voltage	5
Wire Size/AWG	30 - 22
Gender	Standard

## Form & Material

Shell style / Model id	EG - Fixed receptacle, nut fixing
Socket / Receptacle	Fixed Panel Front Mounted
Housing material	Brass (chrome plated [SAE AMS 2460]) shell, collet nut and latch sleeve, nickel plated [SAE AMS QQ N 290] brass mid pieces
Locking system	Push-pull
Keying	No keying
Weight	11.8 g

[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/egg-0k-305-cl1.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/egg-0k-305-cl1.html)

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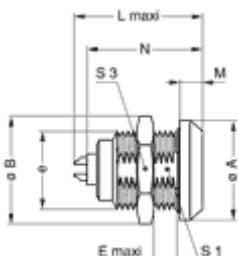
## Environment

Technical domain	Audio Video, Energy and Industrial, Medical, Test and Measurement
Environmental protection	IP68
Temp (min / max)	-55°C / +200°C
Climatical Category	50/175/21
Humidity (max)	<=95% [at 60 deg C /140 F]
Shielding (min)	95 dB (10 MHz)
Shielding (min)	80 dB (1 GHz)
Shock Resistance	100 g [ 6 ms]
Vibration	15 g [10 Hz - 2000 Hz]
Salt Spray Corrosion	>1000 hr

## Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet

## Drawings



No keying

## Dimensions

	<b>A</b>	<b>E</b>	<b>L</b>	<b>M</b>	<b>N</b>	<b>S1</b>	<b>S3</b>	<b>B</b>	<b>e</b>
mm.	18	6	21.7	4	20.1	12.5	17	19.5	M14x1.0
in.	0.71	0.24	0.85	0.16	0.79	0.49	0.67	0.77	

[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/egg-0k-305-cll.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/egg-0k-305-cll.html)

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# Recommended By Lemo

Accessories

Tools

## Cables

Cable PartNumber	Material	Colour	Cable image
CMN.05.T22.051QGZE	TPR (medical)	Grey	
CMN.05.T28.029PGCE	PVC	GREY	
CMN.05.T28.029PGZE		grey	
CMN.05.T28.029PNCE	PVC	Black	
CMN.05.T28.029PNZE			
150250	PVC	Grey	
50090	PVC	Black	
50140	PVC	Grey	
5050	PVC	Black	

[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/egg-0k-305-cll.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/egg-0k-305-cll.html)

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