



Image for illustrative purpose only

## Summary

[Request a quote](#)

[Catalog](#)

Number of contacts Low Voltage	5
Wire Size/AWG	18 - 14
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	2.00 - 22.60 mm
Size	3K
Suggested matching part	<a href="#">FGG.3K.305.CYCC80</a>
Series	K - Outdoor keyed

[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/eeg-3k-305-cym.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/eeg-3k-305-cym.html)

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

# Technical details

## Electrical Configuration

Contact Termination Low voltage	Crimp
R (max)	3.5 mOhm
Insert configuration value	3K.305 - 5 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated current	19 A
Vtest (contact-contact)	2400 V (AC), 3390 V (DC)
Vtest (contact-shell)	1750 V (AC), 2500 V (DC)
Contact retention	50 N
Contact Type	Crimp
Max. Conductor	1.5 mm <sup>2</sup> (AWG 14)
Min. Conductor	1 mm <sup>2</sup> (AWG 18)
Bucket Dia.	1.9 mm (0.075in)
Contact Dia.	1.6 mm (0.063in)
Number of contacts Low Voltage	5
Wire Size/AWG	18 - 14
Gender	Standard

## Form & Material

Shell style / Model id	EE - Fixed receptacle, nut fixing (back panel mounting)
Socket / Receptacle	Fixed Panel Rear 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	G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Colour	Grey
Weight	61.92 g

[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/eeg-3k-305-cym.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/eeg-3k-305-cym.html)

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

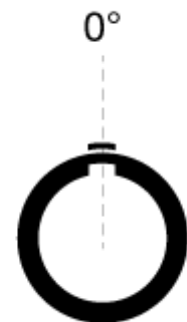
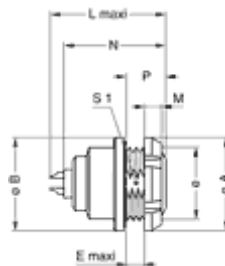
## Environment

Technical domain	Audio Video, Energy and Industrial, Medical, Test and Measurement
Environmental sealing (IP rating)	IP68
Endurance	5000 mating cycles
Temperature range	-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

Jacket cable outside diameter [mm]	2.00 - 22.60 mm
------------------------------------	-----------------

## Drawings



## Dimensions

	<b>A</b>	<b>B</b>	<b>e</b>	<b>E</b>	<b>L</b>	<b>M</b>	<b>N</b>	<b>P</b>	<b>S1</b>
mm.	30	31	M24x1.0	7.5	36.2	4.5	33.6	12	22.5
in.	1.18	1.22		0.3	1.43	0.18	1.32	0.47	0.89

[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/eeg-3k-305-cym.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/eeg-3k-305-cym.html)

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

# Recommended By Lemo

## Accessories

---

Replacement contact [EGG.3B.670.ZZM](#)

---

Compatible cap [BRE.3K.200.NAS](#)

## Tools

---

Positionner [DCE.91.163.BVCM](#)

---

Extraction tool [DCC.16.25B.LAG](#)

---

Crimp tool [DPC.91.101.A](#)

---

Spanner wrench [Socket for torque wrench DCM.65.200.AZ and DCM.65.270.AZ](#)

[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/eeg-3k-305-cym.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/eeg-3k-305-cym.html)

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

# Cables

Cable PartNumber	Material	Colour	Cable image
CMN.05.T18.065PGZE		grey	
CMN.05.T18.065PNZE			
CMN.05.T20.057PGZE		grey	
CMN.05.T20.057PNZE			
CMN.05.T20.057QGZE	TPR (medical)	Grey	
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	
250500	PVC	Grey	
50090	PVC	Black	
50140	PVC	Grey	
5050	PVC	Black	

[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/eeg-3k-305-cym.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/eeg-3k-305-cym.html)

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.