



Image for illustrative purpose only

## Summary

[Request a quote](#)

[Catalog](#)

Number of contacts Low Voltage	24
Wire Size/AWG	24 - 20
Gender	Reverse Gender
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	4.00 - 28.60 mm
Size	4K
Suggested matching part	<a href="#">FGL.4K.324.CYMC12</a>
Series	K - Outdoor keyed

[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/eel-4k-324-cyc.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/eel-4k-324-cyc.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

Number of contacts Low Voltage	24
Contact Termination Low voltage	Crimp
R (max)	4.8 mOhm
Insert configuration value	4K.324 - 24 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated current	7 A
Vtest (contact-contact)	2.6 kV (DC)
Vtest (contact-shell)	2.9 kV (DC)
Contact retention	30 N
Max. Conductor	0.5 mm <sup>2</sup> (AWG 20)
Min. Conductor	0.25 mm <sup>2</sup> (AWG 24)
Bucket Dia.	1.1 mm (0.043in)
Contact Dia.	0.9 mm (0.035in)
Wire Size/AWG	24 - 20
Gender	Reverse Gender

## 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	2 keys (gamma=75, plug: female contacts, receptacle: male contacts)
Colour	Grey
Weight	93.24 g

[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/eel-4k-324-cyc.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/eel-4k-324-cyc.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.

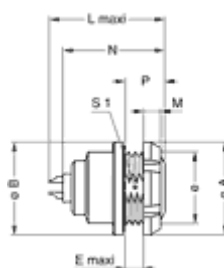
## Environment

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 (max. temperature valid for short periods of use.)
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]	4.00 - 28.60 mm
------------------------------------	-----------------

## Drawings



## Dimensions

	<b>N</b>	<b>M</b>	<b>L</b>	<b>E</b>	<b>e</b>	<b>B</b>	<b>A</b>	<b>S1</b>	<b>P</b>
mm.	38.6	7	40.2	6	M30x1.0	37	41.5	28.5	13.5
in.	1.52	0.28	1.58	0.24		1.46	1.63	1.12	0.53

[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/eel-4k-324-cyc.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/eel-4k-324-cyc.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	<a href="#">FGG.4B.560.ZZC</a>
---------------------	--------------------------------

Compatible cap	<a href="#">BRE.4K.200.NAS</a>
----------------	--------------------------------

## Tools











Positionner	<a href="#">DCE.91.094.BVC</a>
-------------	--------------------------------

Extraction tool	<a href="#">DCC.09.05B.LAG</a>
-----------------	--------------------------------

Crimp tool	<a href="#">DPC.91.701.V</a>
------------	------------------------------

Spanner wrench	<a href="#">Socket for torque wrench DCM.65.320.AZ</a>
----------------	--

# Cables

Cable PartNumber	Material	Colour	Cable image
CMN.24.T22.082PGCE	PVC	GREY	
CMN.24.T22.082PGZE		grey	
CMN.24.T22.082PNCE	PVC	Black	
CMN.24.T22.082PNZE			
224260	PVC	Black	
248080	PVC	Grey	
324220	PVC	Black	
324240	PVC	Black	
424250	PVC	Grey	
524500	PVC	Grey	
524750	PVC	Grey	

[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/eel-4k-324-cyc.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/eel-4k-324-cyc.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.