

Special



*Image for illustrative purpose only*

## Summary

[Request a quote](#)

---

BKT series

---

[Customer Drawing](#)

Number of contacts Low Voltage	5
Wire Size/AWG	30 - 22
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Panel Drill Hole	M9
Jacket cable outside diameter [mm]	1.00 - 8.30 mm
Size	0B

[https://www.lemo.com/int\\_en/solutions/originals/b-indoor-keyed/egb-0b-305-cll.html](https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/egb-0b-305-cll.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.

Suggested matching part

**FGB.0B.305.CLAD32Z**  
**FPB.0B.305.CLAD56**

---

Series

B - Indoor keyed

[https://www.lemo.com/int\\_en/solutions/originals/b-indoor-keyed/egb-0b-305-cll.html](https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/egb-0b-305-cll.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	5
Contact Termination Low voltage	Solder
R (max)	6.1 mOhm
Insert configuration value	0B.305 - 5 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	5 A
Vtest (contact-contact)	1.4 kV (DC)
Vtest (contact-shell)	1 kV (DC)
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)
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 and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
Locking system	Push-pull
Keying	B: 2 keys (alpha=60, plug: male contacts, receptacle: female contacts)
Colour	Grey
Weight	4.32 g
Panel Drill Hole	M9

[https://www.lemo.com/int\\_en/solutions/originals/b-indoor-keyed/egb-0b-305-cl1.html](https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/egb-0b-305-cl1.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, 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 (max. temperature valid for short periods of use.)
Climatic Category	55/175/21
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

## Cable fixation

---

Jacket cable outside diameter [mm]	1.00 - 8.30 mm
------------------------------------	----------------

## Recommended By Lemo

### Accessories

---

Compatible cap	BRE.05.200.NAS
----------------	----------------

## CAD

### Documents

---

Eplan	<a href="#">Download</a>
-------	--------------------------

[https://www.lemo.com/int\\_en/solutions/originals/b-indoor-keyed/egb-0b-305-cll.html](https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/egb-0b-305-cll.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.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/b-indoor-keyed/egb-0b-305-cl1.html](https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/egb-0b-305-cl1.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.