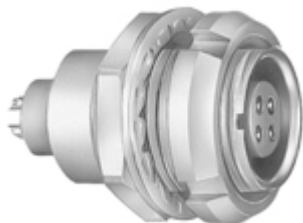


Special

*Image for illustrative purpose only*

## Summary

[Request a quote](#)[BKT series](#)[Customer Drawing](#)

Number of contacts Low Voltage	3
Wire Size/AWG	28 - 20
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Size	0B
Suggested matching part	<a href="#">FGG.0B.303.CYZZ</a>
Series	B - Indoor keyed

[https://www.lemo.com/int\\_en/solutions/originals/b-indoor-keyed/ecg-0b-303-cyz.html](https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/ecg-0b-303-cyz.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	3
Insert configuration value	0B.303 - 3 Low Voltage
Footprint IPC Class3 compatibility	No
Insulator	Y: PEEK for crimp contacts
Rated current	8 A
Contact Dia.	0.9
Wire Size/AWG	28 - 20
Gender	Standard

## Form & Material

Shell style / Model id	EC - Fixed receptacle with two nuts (back panel mounting)
Socket / Receptacle	Fixed Panel Rear 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	G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Colour	Grey
Variant	Delivered without contact
Weight	4.56 g

[https://www.lemo.com/int\\_en/solutions/originals/b-indoor-keyed/ecg-0b-303-cyz.html](https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/ecg-0b-303-cyz.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

## Recommended By Lemo

### Accessories

Compatible cap	<a href="#">BRE.0S.200.NAS</a>
----------------	--------------------------------

### Tools

Spanner 2	<a href="#">DCM.65.106.AZ4</a>
Spanner wrench	<a href="#">Socket for torque wrench DCM.65.100.AZ and DCM.0S.M09.4</a>

[https://www.lemo.com/int\\_en/solutions/originals/b-indoor-keyed/ecg-0b-303-cyz.html](https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/ecg-0b-303-cyz.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.