



## Summary

[Request a quote](#)

[Catalog](#)

Low Voltage	30
Wire Size/AWG	26 - 22
Gender	Reverse Gender
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	2.00 - 16.60 mm
Size	3B
Matching parts	<a href="#">FGK.3B.330.CYMD10Z</a>
Series	B - Indoor keyed

## Technical details

[https://www.lemo.com/int\\_en/solutions/originals/b-indoor-keyed/EEK-3B-330-CYC.html](https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/EEK-3B-330-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.

## Electrical Configuration

Contact Termination Low voltage	Crimp
R (max)	6.1 mOhm
Insert configuration value	3B.330 - 30 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated current	3.5 Amps
Vtest (contact-contact)	1350 V (AC), 1910 V (DC)
Vtest (contact-shell)	1200 V (AC), 1700 V (DC)
Contact retention	22 N
Contact Type	Crimp
Max. Conductor	0.34 mm <sup>2</sup> (AWG 22)
Min. Conductor	0.14 mm <sup>2</sup> (AWG 26)
Bucket Dia.	0.8 mm (0.031in)
Contact Dia.	0.7 mm (0.028in)
Low Voltage	30
Wire Size/AWG	26 - 22
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 and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
Locking system	Push-pull
Keying	2 keys (alpha=52.5, plug: female contacts, receptacle: male contacts)
Weight	25.08 g

[https://www.lemo.com/int\\_en/solutions/originals/b-indoor-keyed/eeek-3b-330-cyc.html](https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/eeek-3b-330-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.

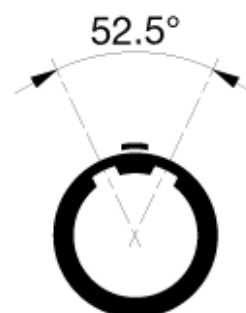
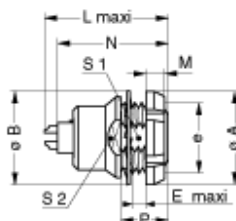
## Environment

Technical domain	Audio Video, Energy and Industrial, Medical, Semiconductor, Specialties and Other, Test and Measurement, Transportation, Aerospace and UAV
Environmental protection (IP rating)	IP50
Minimal temperature	-55°C / +250°C
Climatical Category	50/175/21
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]	2.00 - 16.60 mm
------------------------------------	-----------------

## Drawings



## Dimensions

	S1	S2	E	P	L	M	N	e	A	B
mm.	16.5	20	6.1	12	30.7	4.5	28.1	M18x1.0	24	25
in.	0.65	0.79	0.24	0.47	1.21	0.18	1.11		0.94	0.98

[https://www.lemo.com/int\\_en/solutions/originals/b-indoor-keyed/eeek-3b-330-cyc.html](https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/eeek-3b-330-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 [FGG.3B.555.ZZC](#)

## Tools








Positionner [DCE.91.073.BVC](#)

Extraction tool [DCC.07.04B.LAG](#)

Crimp tool [DPC.91.701.V](#)

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

# Cables

Cable PartNumber	Material	Colour	Cable image
CMN.30.T22.087PGCE	PVC	GREY	
CMN.30.T22.087PGZE		grey	
CMN.30.T22.087PNCE	PVC	Black	
CMN.30.T22.087PNZE			
330240	PVC	Black	
330260	PVC	Black	
430250	PVC	Grey	

[https://www.lemo.com/int\\_en/solutions/originals/b-indoor-keyed/EEK-3B-330-CYC.html](https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/EEK-3B-330-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.