



Image for illustrative purpose only

## **Summary**

Request a quote

Catalog

Number of contacts Low Voltage	30
Wire Size/AWG	26 - 22
Gender	Reverse Gender
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	2.00 - 16.60 mm
Size	3B
Suggested matching part	FGJ.3B.330.CYMD72
Series	B - Indoor keyed

https://www.lemo.com/int\_en/solutions/originals/b-indoor-keyed/egj-3b-330-cyc.html

# **Technical details**

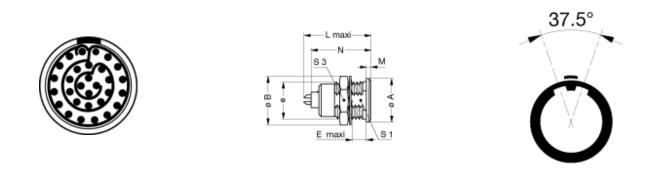
Number of contacts Low Voltage	30		
Contact Termination Low voltage	Crimp		
	6.1 mOhm		
R (max)			
Insert configuration value	3B.330 - 30 Low Voltage		
Insulator	Y: PEEK for crimp contacts		
Rated current	3.5 A		
Vtest (contact-contact)	2 kV (DC)		
Vtest (contact-shell)	1.7 kV (DC)		
Contact retention	22 N		
Max. Conductor	0.34 mm^2 (AWG 22)		
Min. Conductor	0.14 mm^2 (AWG 26)		
Bucket Dia.	0.8 mm (0.031in)		
Contact Dia.	0.7 mm (0.028in)		
Wire Size/AWG	26 - 22		
Gender	Reverse Gender		
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	2 keys (alpha=37.5, plug: female contacts, receptacle: male contacts)		
Colour	Grey		
Weight	26.6 g		

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### 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			
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**

	Α	В	е	Е	L	Μ	Ν	<b>S</b> 3	<b>S1</b>
mm.	22	25	M18x1.0	11.5	30.7	2	28.1	22	16.5
in.	0.87	0.98		0.45	1.21	0.08	1.11	0.87	0.65

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## **Recommended By Lemo**

Accessories		
Replacement contact	FGG.3B.555.ZZC	
Compatible cap	BRE.3S.200.NAS	
Tools		
Positionner	DCE.91.073.BVC	
Extraction tool	DCC.07.04B.LAG	
Crimp tool	DPC.91.701.V	

## 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	

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