### EEG.3B.310.CYM





Image for illustrative purpose only

### **Summary**

Request a quote

Catalog

Number of contacts Low Voltage	10
Wire Size/AWG	20 - 18
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	2.00 - 16.60 mm
Size	3B
Suggested matching part	FGG.3B.310.CYCD10Z
Series	B - Indoor keyed

https://www.lemo.com/int\_en/solutions/originals/b-indoor-keyed/eeg-3b-310-cym.html

# **Technical details**

Number of contacts Low Voltage	10	
Contact Termination Low voltage	Crimp	
R (max)	3.6 mOhm	
Insert configuration value	3B.310 - 10 Low Voltage	
Insulator	Y: PEEK for crimp contacts	
Rated current	12 A	
Vtest (contact-contact)	2.1 kV (DC)	
Vtest (contact-shell)	2.6 kV (DC)	
Contact retention	40 N	
Max. Conductor	1 mm^2 (AWG 18)	
Min. Conductor	0.5 mm^2 (AWG 20)	
Bucket Dia.	1.4 mm (0.055in)	
Contact Dia.	1.3 mm (0.051in)	
Wire Size/AWG	20 - 18	
Gender	Standard	
orm & Material		
Shell style / Model id	EE - Fixed receptacle, nut fixing (back panel mounting)	
Socket / Receptacle	Fixed Panel Rear Mounted	
Brass (chrome plated [SAE AMS 2460] Housing material collet nut, nickel plated [SAE AMS QQ latch sleeve and mid pieces		
Locking system	Push-pull	
Keying	G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)	
Colour	Grey	
Weight	32.73 g	

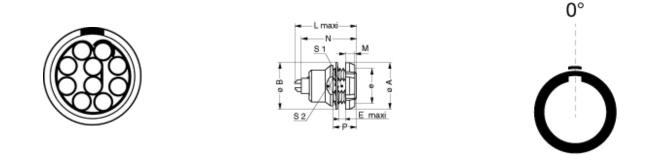
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Technical domain	Audio Video, Energy and Industrial, Medical, Semiconductor, Specialties and Other, Test and Measurement, Transportation, Aerospace and UAV			
Environmental sealing (IP rating)	IP50			
Endurance	5000 mating cycles			
Temperature range	-55°C / +250°C (max. temperature valid for short periods of use.)			
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				
lacket cable outside diameter [mm]	2.00 16.60 mm			

Jacket cable outside diameter [mm]

2.00 - 16.60 mm

# **Drawings**



### **Dimensions**

	<b>S1</b>	<b>S</b> 2	Е	Ρ	L	Μ	Ν	е	Α	В
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

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### **Recommended By Lemo**

#### Accessories

Replacement contact	EGG.3B.665.ZZM
Compatible cap	BRE.3S.200.NAS
Tools	
Positionner	DCE.91.133.BVM
Extraction tool	DCC.13.15B.LAG
Crimp tool	DPC.91.701.V
Spanner wrench	Socket for torque wrench DCM.65.200.AZ

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## Cables

Cable PartNumber	Material	Colour	Cable image
CMN.10.T20.080PGZE		grey	
CMN.10.T20.080PNZE			
CMN.10.T20.080QGC	TPR	Grey	
CMN.10.T22.068QGZE	TPR (medical)	Grey	
CMN.10.T28.052PGZE		grey	
CMN.10.T28.052PNZE			
CMN.10.T28.053QGZE	TPR (medical)	Grey	
110220	PVC	Black	
110240	PTFE	White	
110260	PTFE	White	
110280	PVC	Black	
210140	PVC	Grey	
210240	PVC	Black	
210250	PVC	Grey	
210260	PVC	Black	

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