



Image for illustrative purpose only

### **Summary**

Request a quote

Catalog

Number of contacts Low Voltage	14
Wire Size/AWG	30 - 22
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	2.00 - 13.60 mm
Size	2В
Suggested matching part	FGA.2B.314.CLAD52
Series	B - Indoor keyed

https://www.lemo.com/int\_en/solutions/originals/b-indoor-keyed/eca-2b-314-cll.html

# **Technical details**

Number of contacts Low Voltage	14				
Contact Termination Low voltage	Solder				
R (max)	6.1 mOhm				
Insert configuration value	2B.314 - 14 Low Voltage				
Insulator	L: PEEK (UL 94 / V-0/1.5)				
Rated current	6.5 A				
Vtest (contact-contact)	1.7 kV (DC)				
Vtest (contact-shell)	2 kV (DC)				
Max. Solid Conductor	0.34 mm^2 (AWG 22)				
Max. Stranded Conductor	0.34 mm^2 (AWG 22)				
Bucket Dia.	0.8 mm (0.031in)				
Contact Dia.	0.7 mm (0.028in)				
Wire Size/AWG	30 - 22				
Gender	Standard				
orm & 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	A: 2 keys (alpha=30, plug: male contacts, receptacle female contacts)				
Colour	Grey				
Weight	14.75 g				

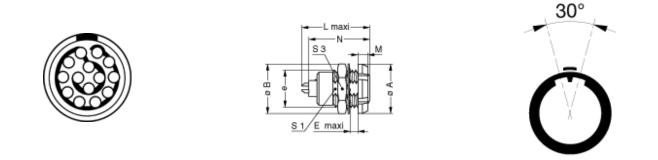
#### https://www.lemo.com/int\_en/solutions/originals/b-indoor-keyed/eca-2b-314-cll.html

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 12.60 mm			

Jacket cable outside diameter [mm]

2.00 - 13.60 mm

# **Drawings**



### **Dimensions**

	В	Α	L	Μ	Ν	<b>S1</b>	<b>S</b> 3	E	е
mm.	19.2	20	26.7	3.5	24.6	13.5	17	6.5	M15x1.0
in.	0.76	0.79	1.05	0.14	0.97	0.53	0.67	0.26	

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## **Recommended By Lemo**

#### Accessories

Compatible cap

BRE.2S.200.NAS

# Cables

Cable PartNumber	Material	Colour	Cable image
CMN.14.T22.068PGCE	PVC	GREY	
CMN.14.T22.068PGZE		grey	
CMN.14.T22.068PNCE	PVC	Black	
CMN.14.T22.068PNZE			
CMN.14.T28.056PGZE		grey	
CMN.14.T28.056PNZE			
CMN.14.T28.056QGZE	TPR (medical)	Grey	
114260	PTFE	White	
214140	PVC	Black	
214240	PTFE	White	
314250	PVC	Grey	

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