### ECJ.1B.314.CLA





Image for illustrative purpose only

### **Summary**

Request a quote

Catalog

Number of contacts Low Voltage	14
Wire Size/AWG	34 - 28
Gender	Reverse Gender
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	1.00 - 10.60 mm
Size	18
Suggested matching part	FGJ.1B.314.CLLD52
Series	B - Indoor keyed

https://www.lemo.com/int\_en/solutions/originals/b-indoor-keyed/ecj-1b-314-cla.html

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# **Technical details**

Number of contacts Low Voltage	14				
Contact Termination Low voltage	Solder				
R (max)	8.7 mOhm				
Insert configuration value	1B.314 - 14 Low Voltage				
Insulator	L: PEEK (UL 94 / V-0/1.5)				
Rated current	2 A				
Vtest (contact-contact)	1.1 kV (DC)				
Vtest (contact-shell)	1.7 kV (DC)				
Max. Solid Conductor	0.09 mm^2 (AWG 28)				
Max. Stranded Conductor	0.09 mm^2 (AWG 28)				
Bucket Dia.	0.45 mm (0.018in)				
Contact Dia.	0.5 mm (0.02in)				
Wire Size/AWG	34 - 28				
Gender	Reverse Gender				
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] bras latch sleeve and mid pieces				
Locking system	Push-pull				
Keying	2 keys (gamma=45, plug: female contacts, receptacle: male contacts)				
Colour	Grey				
Weight	10.05 g				

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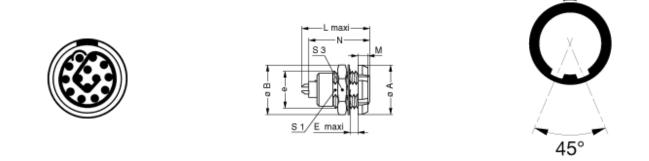
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Technical domain	Audio Video, Energy and Industrial, Medical, Semiconductor, Specialties and Other, Test and Measurement, Transportation, Aerospace and UAV			
Environmental sealing (IP rating)	IP50			
Endurance	5000 mating cycles			
Temperature range	-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				
la shak sa bha sa baida dia mashan faran 1	1.00.10.00			

Jacket cable outside diameter [mm]

1.00 - 10.60 mm

# **Drawings**



### **Dimensions**

	Μ	Ν	<b>S1</b>	<b>S</b> 3	е	L	Е	Α	В
mm.	3.5	21.1	10.5	14	M12x1.0	23	6	16	15.8
in.	0.14	0.83	0.41	0.55		0.91	0.24	0.63	0.62

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## **Recommended By Lemo**

#### Accessories

Compatible cap

#### BRE.1S.200.NAS

# Cables

Cable PartNumber	Material	Colour	Cable image
CMN.14.T28.056PGZE		grey	
CMN.14.T28.056PNZE			
CMN.14.T28.056QGZE	TPR (medical)	Grey	

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