



Image for illustrative purpose only

Summary

Request a quote

Catalog

Number of contacts Low Voltage	7
Wire Size/AWG	28 - 20
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	FGC.2B.307.CLAD62
Series	B - Indoor keyed

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/ecc-2b-307-cll.html

Technical details

Number of contacts Low Voltage	7				
Contact Termination Low voltage	Solder				
R (max)	3.6 mOhm				
Insert configuration value	2B.307 - 7 Low Voltage				
Insulator	L: PEEK (UL 94 / V-0/1.5)				
Rated current	11 A				
Vtest (contact-contact)	2.5 kV (DC)				
Vtest (contact-shell)	2.3 kV (DC)				
Max. Solid Conductor	0.5 mm^2 (AWG 20)				
Max. Stranded Conductor	0.5 mm^2 (AWG 20)				
Bucket Dia.	1 mm (0.039in)				
Contact Dia.	1.3 mm (0.051in)				
Wire Size/AWG	28 - 20				
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	C: 2 keys (alpha=60, plug: male contacts, receptacle female contacts)				
Colour	Grey				
Weight	16.11 g				

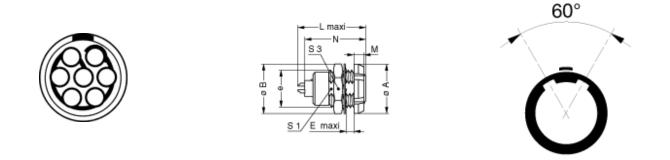
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Technical domain	Audio Video, Energy and Industrial, Medical, Semiconductor, Specialties and Other, Test and Measurement, Transportation, Aerospace and UAV		
Environmental sealing (IP rating)	IP50		
Endurance	5000 mating cycles		
Temperature range	-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			
lackat 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	S1	S 3	Е	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.07.T20.062PGZE		grey	
CMN.07.T20.062PNZE			
CMN.07.T20.062QGZE	TPR (medical)	Grey	
CMN.07.T26.037QGZE	TPR (medical)	Grey	
CMN.07.T28.044PGZE		grey	
CMN.07.T28.044PNZE			
270250	PVC	Grey	
370500	PVC	Grey	
70140	PVC	Grey	
7041	PVC	Grey	
7050	PVC	Black	
717920	PVC	Grey	
CTR.75.030.121875G	PVC	Grey	

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