



Image for illustrative purpose only

Summary

Request a quote

Catalog

Number of contacts Low Voltage	4
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.304.CLAD52
Series	B - Indoor keyed

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/eec-2b-304-cll.html

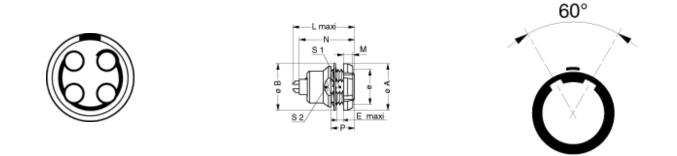
Technical details

Number of contacts Low Voltage	4				
Contact Termination Low voltage	Solder				
R (max)	3.6 mOhm				
Insert configuration value	2B.304 - 4 Low Voltage				
Insulator	L: PEEK (UL 94 / V-0/1.5)				
Rated current	15 A				
Vtest (contact-contact)	2.6 kV (DC)				
Vtest (contact-shell)	2.6 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	EE - Fixed receptacle, nut fixing (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	14.98 g				

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Jacket cable outside diameter [mm]	2.00 - 13.60 mm				
Cable fixation					
Salt Spray Corrosion	>1000 hr				
Vibration	15 g [10 Hz - 2000 Hz]				
Shock Resistance	100 g [6 ms]				
Shielding (min)	40 dB (1 GHz)				
Shielding (min)	75 dB (10 MHz)				
Humidity (max)	<=95% [at 60 deg C /140 F]				
Climatical Category	50/175/21				
Temperature range	-55°C / $+250$ °C (max. temperature valid for short periods of use.)				
Endurance	5000 mating cycles				
Environmental sealing (IP rating)	IP50				
Technical domain	Audio Video, Energy and Industrial, Medical, Semiconductor, Specialties and Other, Test and Measurement, Transportation, Aerospace and UAV				

Drawings



Dimensions

	В	е	E	L	Μ	Ν	Ρ	S1	S2	Α
mm.	20	M15x1.0	4.3	26.7	3.5	24.6	9	13.5	15	20
in.	0.79		0.17	1.05	0.14	0.97	0.35	0.53	0.59	0.79

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Recommended By Lemo

Accessories

Compatible cap

BRE.2S.200.NAS

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Cables

Cable PartNumber	Material	Colour	Cable image
CMN.04.T20.053PGZE		grey	▶ €
CMN.04.T20.053PNZE			
CMN.04.T20.053QGZE	TPR (medical)	Grey	>
CMN.04.T22.047QGC	TPR	Grey	
CMN.04.T22.048QGZE	TPR (medical)	Grey	>
CMN.04.T28.031PGCE	PVC	GREY	
CMN.04.T28.031PGZE		grey	
CMN.04.T28.031PNCE	PVC	Black	
CMN.04.T28.031PNZE			>
CMN.04.T28.031QGC	TPR	Grey	
140240	PVC	Black	
140250	PVC	Grey	
240500	PVC	Grey	
240750	PVC	Grey	8 8
40080	PVC	Black	
40086	PVC	Blue	
40140	PVC	Black	
40240	PTFE	White	>
40260	PVC	Black	
4041	PVC	Grey	€
4050	PVC	Black	
4080	PVC	Grey	
417920	PVC	Grey	
4220	PVC	Black	
4221	PVC	Black	
4260	PTFE	White	>
4280	PVC	Black	
80080	PVC	Grey	
80082	PVC	Red	
80084	PVC	Black	
CTR.75.030.121870G	PVC	Grey	

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