## EGG.3B.307.KLL





Image for illustrative purpose only

## **Summary**

Request a quote

Catalog

Number of contacts Low Voltage	7
Wire Size/AWG	24 - 16
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	2.00 - 16.60 mm
Size	3B
Suggested matching part	FGG.3B.307.KLAD12
Series	B - Indoor keyed

https://www.lemo.com/int\_en/solutions/originals/b-indoor-keyed/egg-3b-307-kll.html

# **Technical details**

Number of contacts Low Voltage	7
Contact Termination Low voltage	Solder
R (max)	3.5 mOhm
Insert configuration value	3B.307 - 7 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	11 A
Vtest (contact-contact)	2.4 kV (DC)
Vtest (contact-shell)	1.8 kV (DC)
Max. Solid Conductor	1 mm^2 (AWG 16)
Max. Stranded Conductor	1 mm^2 (AWG 18)
Bucket Dia.	1.4 mm (0.055in)
Contact Dia.	1.6 mm (0.063in)
Wire Size/AWG	24 - 16
Gender	Standard
Form & Material	
Shell style / Model id	EG - Fixed receptacle, nut fixing
Socket / Receptacle	Fixed Panel Front Mounted
Housing material	Brass (black chrome) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
Locking system	Push-pull
Keying	G: 1 key (alpha=0, plug: male contacts, receptacle female contacts)
Colour	Black
Weight	27.37 g

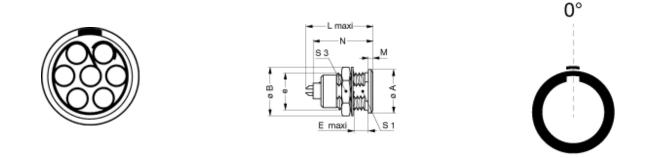
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Technical domain	Audio Video, Energy and Industrial, Medical, Semiconductor, Specialties and Other, Test and Measurement, Transportation, Aerospace and UAV		
Environmental sealing (IP rating)			
Endurance	5000 mating cycles		
Temperature range	-55°C / $+250$ °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			
te sheet as bla south ide allows sheet for well	2.00 16.60		

Jacket cable outside diameter [mm]

2.00 - 16.60 mm

# **Drawings**



### **Dimensions**

	Α	B	е	E	L	Μ	Ν	<b>S</b> 3	<b>S1</b>
mm.	22	25	M18x1.0	11.5	30.7	2	28.1	22	16.5
in.	0.87	0.98		0.45	1.21	0.08	1.11	0.87	0.65

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## **Recommended By Lemo**

Accessories	
Compatible cap	BRE.3S.200.KAS
Tools	
Spanner	DCA.91.282.2TN

# Cables

Cable PartNumber	Material	Colour	Cable image
CMN.07.T18.070PGZE		grey	
CMN.07.T18.070PNZE			
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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