



Image for illustrative purpose only

Summary

Request a quote

Catalog

Number of contacts Low Voltage	4
Wire Size/AWG	24 - 20
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	2.00 - 13.60 mm
Size	2В
Suggested matching part	FGG.2B.304.CYBD42
Series	B - Indoor keyed

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

Technical details

Number of contacts Low Voltage	4				
Contact Termination Low voltage	Crimp				
R (max)	3.6 mOhm				
Insert configuration value	2B.304 - 4 Low Voltage				
Insulator	Y: PEEK for crimp contacts				
Rated current	15 A				
Vtest (contact-contact)	3.2 kV (DC)				
Vtest (contact-shell)	3.2 kV (DC)				
Contact retention	40 N				
Max. Conductor	0.5 mm^2 (AWG 20)				
Min. Conductor	0.25 mm^2 (AWG 24)				
Bucket Dia.	1.1 mm (0.043in)				
Contact Dia.	1.3 mm (0.051in)				
Wire Size/AWG	24 - 20				
Gender	Standard				
Form & Material					
Shell style / Model id	EG - Fixed receptacle, nut fixing				
Socket / Receptacle	Fixed Panel Front 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	G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)				
Colour	Grey				
Weight	14.29 g				

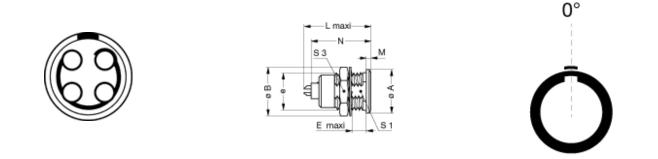
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Technical domain	Audio Video, Energy and Industrial, Medical, Semiconductor, Specialties and Other, Test and Measurement, Transportation, Aerospace and UAV		
Environmental sealing (IP rating)	IP50		
Endurance	5000 mating cycles		
Temperature range	-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

	Α	В	е	E	L	Μ	Ν	S 3	S1
mm.	18	19.5	M15x1.0	8.5	26.7	1.8	24.6	17	13.5
in.	0.71	0.77		0.33	1.05	0.07	0.97	0.67	0.53

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Recommended By Lemo

Accessories

Replacement contact	EGG.2B.666.ZZM
Compatible cap	BRE.2S.200.NAS
Tools	
Spanner	DCA.91.231.7TN
Positionner	DCE.91.132.BVM
Extraction tool	DCC.13.15B.LAG
Crimp tool	DPC.91.701.V

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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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