



Image for illustrative purpose only

### **Summary**

Request a quote

Catalog

Number of contacts Low Voltage	4
Wire Size/AWG	20 - 18
Gender	Reverse Gender
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	2.00 - 13.60 mm
Size	2B
Series	B - Indoor keyed

https://www.lemo.com/int\_en/solutions/originals/b-indoor-keyed/egl-2b-304-cyc.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	1 mm^2 (AWG 18)			
Min. Conductor	0.5 mm^2 (AWG 20)			
Bucket Dia.	1.4 mm (0.055in)			
Contact Dia.	1.3 mm (0.051in)			
Wire Size/AWG	20 - 18			
Gender	Reverse Gender			
orm & 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	2 keys (gamma=70, plug: female contacts, receptacle: male contacts)			
Colour	Grey			
Weight	14.04 g			

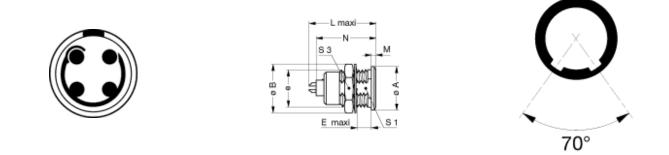
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Salt Spray Corrosion	>1000 hr			
Vibration	15 g [10 Hz - 2000 Hz]			
Shock Resistance	100 g [ 6 ms]			
Shielding (min)	40 dB (1 GHz)			
Shielding (min)	75 dB (10 MHz)			
Humidity (max)	<=95% [at 60 deg C /140 F]			
Climatical Category	50/175/21			
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			

Jacket cable outside diameter [mm]

2.00 - 13.60 mm

# **Drawings**



### **Dimensions**

	Α	В	е	E	L	Μ	Ν	<b>S</b> 3	<b>S1</b>
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	FGG.2B.565.ZZC
Compatible cap	BRE.2S.200.NAS
Tools	
Spanner	DCA.91.231.7TN
Positionner	DCE.91.132.BVC
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			<b>)</b>
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	
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	<b>&gt;</b>
4280	PVC	Black	
80080	PVC	Grey	
80082	PVC	Red	
80084	PVC	Black	
CTR.75.030.121870G	PVC	Grey	

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