



Image for illustrative purpose only

Summary

Request a quote

Catalog

Number of contacts Low Voltage	8
Wire Size/AWG	20 - 18
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.308.CYCD11
Series	B - Indoor keyed

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/ehg-3b-308-cym.html

Technical details

Number of contacts Low Voltage	8			
Contact Termination Low voltage	Crimp			
R (max)	3.6 mOhm			
Insert configuration value	3B.308 - 8 Low Voltage			
Insulator	Y: PEEK for crimp contacts			
Rated current	13 A			
Vtest (contact-contact)	2.6 kV (DC)			
Vtest (contact-shell)	2.5 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	Standard			
orm & Material				
Shell style / Model id	EH - Fixed receptacle, nut fixing and protruding shell			
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	31.71 g			

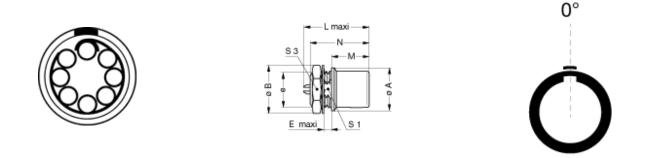
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Salt Spray Corrosion	>1000 hr			
Vibration	15 g [10 Hz - 2000 Hz]			
Shock Resistance	100 g [6 ms]			
Shielding (min)	40 dB (1 GHz)			
Shielding (min)	75 dB (10 MHz)			
Humidity (max)	<=95% [at 60 deg C /140 F]			
Climatical Category	50/175/21			
Temperature 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 - 16.60 mm

Drawings



Dimensions

	Α	В	е	E	L	Μ	Ν	S1	S 3
mm.	22	25	M18x1.0	7.1	30.7	12.5	30.3	16.5	22
in.	0.87	0.98		0.28	1.21	0.49	1.19	0.65	0.87

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Recommended By Lemo

Accessories				
Replacement contact	EGG.3B.665.ZZM			
Tools				
Positionner	DCE.91.133.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.08.T20.067PGCE	PVC	Grey	
CMN.08.T20.067PGZE		grey	
CMN.08.T20.067PNZE			
CMN.08.T22.059QGC	TPR	Grey	
CMN.08.T22.059QGZE	TPR (medical)	Grey	
CMN.08.T26.042QGZE	TPR (medical)	Grey	
108220	PVC	Black	
108240	PTFE	White	
108260	PTFE	White	
16080	PVC	Grey	
180240	PVC	Black	
180260	PVC	Black	
280250	PVC	Grey	
335990	PVC	Black	
335991	PVC	Black	
380500	PVC	Grey	
380750	PVC	Grey	
42265	PVC	Yellow	
80140	PVC	Grey	
8050	PVC	Black	
8280	PVC	Black	

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