

Standard*Image for illustrative purpose only*

Summary

[Request a quote](#)[Coax triax mixed en](#)

Number of contacts Low Voltage	22
Nb of contacts Coax	1
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Panel Drill Hole	M18
Size	3B
Suggested matching part	FGA.3B.822.CLAD71Z
Series	B - Indoor keyed

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/eea-3b-822-cln1.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	22
Contact Termination Low voltage	PCB - Straight
Nb of contacts Coax	1
Contact Termination Coax - Conductor fixing	Crimp
Contact Termination Coax – Screen fixing	Crimp
R (max)	5.8 mOhm
Insert configuration value	3B.822 - 1 Coax (50 Ohm), 22 Low V.
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	5 A
Impedance	50 Ohms
Test voltage (kV DC)	1
Cable type	RG 174 A/U, RG 188 A/U, RG 316 /U
Contact Dia.	0.7 mm (0.03in)
Gender	Standard

Form & Material

Shell style / Model id	EE - Fixed receptacle, nut fixing with straight contacts for printed circuit(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	A: 2 keys (alpha=30, plug: male contacts, receptacle: female contacts)
Colour	Grey
Weight	27.76 g
Panel Drill Hole	M18

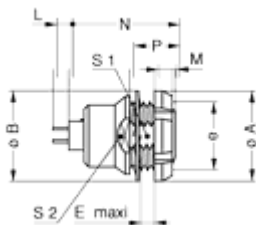
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Environment

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.)
Climatic Category	55/175/21
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

Drawings



Dimensions

	S1	S2	E	P	L	M	N	e	A	B
mm.	16.5	20	6.1	12	30.7	4.5	28.1	M18x1.0	24	25
in.	0.65	0.79	0.24	0.47	1.21	0.18	1.11		0.94	0.98

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Recommended By Lemo

Accessories	
Compatible cap	BRE.3S.200.NAS
Tools	
Die Tool	DPE.99.103.8K
Spanner 2	DCM.65.200.AZ
Extraction tool	DCC.91.CP1.LAG
Spanner wrench	Socket for torque wrench DCM.65.200.AZ