



Summary

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Nb of contacts Thermocouple	20
Wire Size/AWG	30 - 22
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Size	3B
Series	B - Indoor keyed

Technical details

Electrical Configuration

Nb of contacts Thermocouple	20
Contact Termination Thermocouple	Crimp
Insert configuration value	3B.320 - 10 Thermocouple Pairs
Insulator	Y: PEEK for crimp contacts
Rated current	6 Amps
Contact Type	Thermocouple
ThC. Materials (P+/N-)	Chromel / Alumel
Contact Dia.	0.7
Wire Size/AWG	30 - 22
Gender	Standard

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/egg-3b-320-cyk.html

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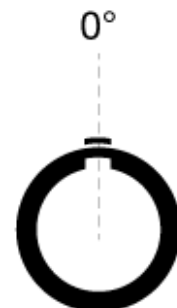
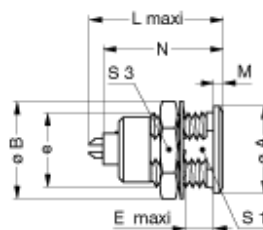
Form & Material

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	1 key (alpha=0, plug: male contacts, receptacle: female contacts)

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
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

Drawings



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Dimensions

	A	B	e	E	L	M	N	S3	S1
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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