



Image for illustrative purpose only

Summary

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Number of contacts Low Voltage	4
Wire Size/AWG	30 - 22
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Size	1B
Series	B - Indoor keyed

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/egg-1b-304-cyz.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	4
Insert configuration value	1B.304 - 4 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated current	10 A
Contact Dia.	0.9
Number of differentiated pairs (High speed)	1
Wire Size/AWG	30 - 22
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
Variant	Delivered without contact
Weight	7.83 g

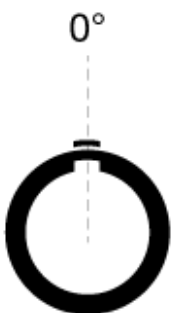
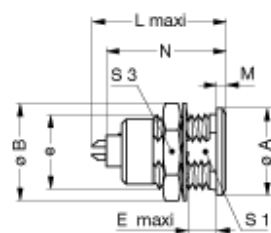
Environment

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.)
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

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Drawings



Dimensions

	e	E	L	M	N	S1	S3	A	B
mm.	M12x1.0	7.5	23	1.5	21.1	10.5	14	14	16
in.		0.3	0.91	0.06	0.83	0.41	0.55	0.55	0.63

Recommended By Lemo

Accessories

Compatible cap	BRE.1S.200.NAS
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Tools

Spanner	DCA.91.201.4TN
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