



Summary

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Low Voltage	3
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Matching parts	FGG.0B.303.CLAD52
Series	B - Indoor keyed

Technical details

Electrical Configuration

Contact Termination Low voltage	PCB - Straight
R (max)	4.8 mOhm
Insert configuration value	0B.303 - 3 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	8 Amps
Vtest (contact-contact)	1200 V (AC), 1700 V (DC)
Vtest (contact-shell)	900 V (AC), 1270 V (DC)
Contact Type	Print (straight)
Contact Dia.	0.9 mm (0.035in)
Low Voltage	3
Gender	Standard

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/ecg-0b-303-cln.html

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Form & Material

Shell style / Model id	EC - Fixed receptacle with two nuts and 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	1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Weight	5.05 g

Environment

Technical domain	Audio Video, Energy and Industrial, Medical, Semiconductor, Specialties and Other, Test and Measurement, Transportation, Aerospace and UAV
Environmental protection	IP50
Minimal temperature	-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

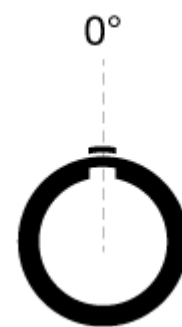
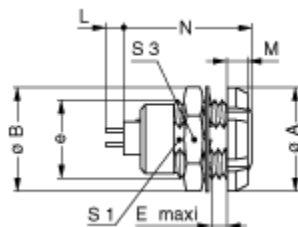
Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet

Drawings

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/ecg-0b-303-cln.html

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Dimensions

	A	Nmax	S1	S3	M	B	e	E	Lmax
mm.	12	16.3	8.2	11	2.5	12.4	M9x0.6	5.5	19.55
in.	0.47	0.64	0.32	0.43	0.1	0.49		0.22	0.77

Recommended By Lemo

Accessories

Tools

Spanner 2

[DCH.91.121.PA](#)

Spanner wrench

[Socket for torque wrench DCM.65.100.AZ and DCM.05.M09.4](#)

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