

## Summary

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Number of contacts Low Voltage	6
Wire Size/AWG	34 - 28
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Size	0B
Matching parts	<a href="#">FGF.0B.306.CLAD52</a>
Series	B - Indoor keyed

## Technical details

[https://www.lemo.com/int\\_en/solutions/originals/b-indoor-keyed/eef-0b-306-clv.html](https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/eef-0b-306-clv.html)

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## Electrical Configuration

Contact Termination Low voltage	PCB - Elbow
R (max)	8.7 mOhm
Insert configuration value	0B.306 - 6 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Vtest (contact-contact)	850 V (AC), 1200 V (DC)
Vtest (contact-shell)	650 V (AC), 920 V (DC)
Contact Type	Print (elbow)
Contact Dia.	0.5 mm (0.02in)
Number of contacts Low Voltage	6
Wire Size/AWG	34 - 28
Gender	Standard

## Form & Material

Shell style / Model id	EE - Fixed receptacle, nut fixing with elbow 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	2 keys (beta=155, plug: male contacts, receptacle: female contacts)
Weight	5.68 g

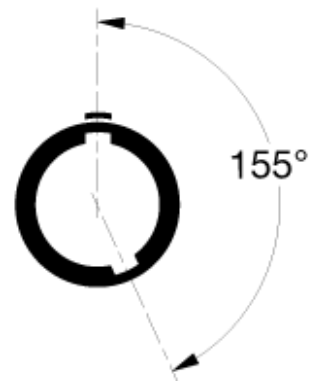
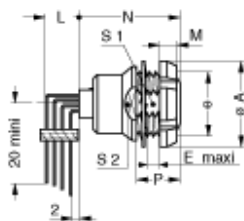
## Environment

Technical domain	Audio Video, Energy and Industrial, Medical, Semiconductor, Specialties and Other, Test and Measurement, Transportation, Aerospace and UAV
Environmental protection (IP rating)	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

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# Drawings



## Dimensions

	<b>S1</b>	<b>P</b>	<b>N</b>	<b>S2</b>	<b>M</b>	<b>L</b>	<b>e</b>	<b>B</b>	<b>A</b>	<b>E</b>
mm.	8.2	6.3	16.3	9	2.5	20.7	M9x0.6	12.5	12	2.4
in.	0.32	0.25	0.64	0.35	0.1	0.81		0.49	0.47	0.09

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