



## Summary

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Low Voltage	6
Wire Size/AWG	34 - 28
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	1.00 - 8.30 mm
Size	0B
Matching parts	<a href="#">FGG.0B.306.KLAD52</a>
Series	B - Indoor keyed

## Technical details

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

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## Electrical Configuration

Contact Termination Low voltage	Solder
R (max)	8.7 mOhm
Insert configuration value	0B.306 - 6 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	2.5 Amps
Vtest (contact-contact)	850 V (AC), 1200 V (DC)
Vtest (contact-shell)	650 V (AC), 920 V (DC)
Contact Type	Solder
Max. Solid Conductor	0.09 mm <sup>2</sup> (AWG 28)
Max. Stranded Conductor	0.09 mm <sup>2</sup> (AWG 28)
Bucket Dia.	0.45 mm (0.018in)
Contact Dia.	0.5 mm (0.02in)
Low Voltage	6
Wire Size/AWG	34 - 28
Gender	Standard

## Form & Material

Shell style / Model id	EE - Fixed receptacle, nut fixing (back panel mounting)
Socket / Receptacle	Fixed Panel Rear Mounted
Housing material	Brass (black chrome) 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	4.79 g

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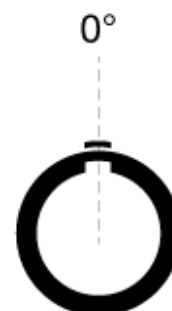
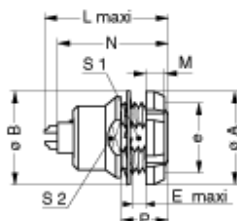
## Environment

Technical domain	Audio Video, Energy and Industrial, Medical, Semiconductor, Specialties and Other, Test and Measurement, Transportation, Aerospace and UAV
Environmental 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

## Cable fixation

Jacket cable outside diameter [mm]	1.00 - 8.30 mm
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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	19.1	9	2.5	20.7	M9x0.6	12.5	12	2.4
in.	0.32	0.25	0.75	0.35	0.1	0.81		0.49	0.47	0.09

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# Recommended By Lemo

## Accessories

### Tools

Spanner	<a href="#">DCH.91.121.PA</a>
Spanner wrench	<a href="#">Socket for torque wrench DCM.0S.M09.4</a>

## Cables

Cable PartNumber	Material	Colour	Cable image
CMN.06.T28.031PGCE	PVC	GREY	
CMN.06.T28.031PGZE		grey	
CMN.06.T28.031PNCE	PVC	Black	
CMN.06.T28.031PNZE			
CMN.06.T28.042QBCE	TPR (medical)		
CMN.06.T28.044PGZE		grey	
CMN.06.T28.044PNZE			
12080	PVC	Grey	
6280	PVC	Black	

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