



Image for illustrative purpose only

## Summary

### Request a quote

Catalog

Number of contacts Low Voltage	5
Wire Size/AWG	24 - 16
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	10.80 - 11.90 mm
Size	3B
Suggested matching part	FGG.3B.305.CLAD12
Series	B - Indoor keyed

https://www.lemo.com/int\_en/solutions/originals/b-indoor-keyed/pkg-3b-305-clld12.html

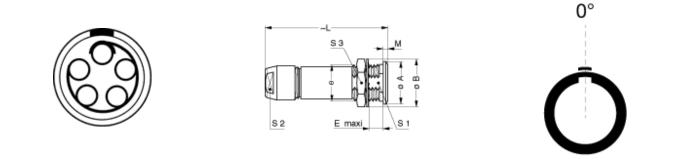
# **Technical details**

Number of contacts Low Voltage	5				
Contact Termination Low voltage	Solder				
R (max)	3.5 mOhm				
Insert configuration value	3B.305 - 5 Low Voltage				
Insulator	L: PEEK (UL 94 / V-0/1.5)				
Rated current	12.5 A				
Vtest (contact-contact)	2.7 kV (DC)				
Vtest (contact-shell)	1.8 kV (DC)				
Max. Solid Conductor	1 mm^2 (AWG 16)				
Max. Stranded Conductor	1 mm^2 (AWG 18)				
Bucket Dia.	1.4 mm (0.055in)				
Contact Dia.	1.6 mm (0.063in)				
Wire Size/AWG	24 - 16				
Gender	Standard				
orm & Material					
Shell style / Model id	PK - Fixed receptacle, nut fixing, cable collet				
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				
Weight	52.45 g				

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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
Cable fixation	
Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	10.80 - 11.90 mm

# **Drawings**



### **Dimensions**

	Α	В	е	E	L	<b>S</b> 3	<b>S1</b>	<b>S2</b>	Μ
mm.	22	25	M18x1.0	11.5	56	22	16.5	14	2
in.	0.87	0.98		0.45	2.2	0.87	0.65	0.55	0.08

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## **Recommended By Lemo**

### Accessories

Compatible cap

BRA.3B.200.PCSG

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