



Image for illustrative purpose only

### **Summary**

#### Request a quote

Catalog

Number of contacts Low Voltage	2
Wire Size/AWG	22 - 14
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	7.30 - 8.20 mm
Size	2B
Suggested matching part	FGG.2B.302.CLAD82
Series	B - Indoor keyed

https://www.lemo.com/int\_en/solutions/originals/b-indoor-keyed/pkg-2b-302-clld82.html

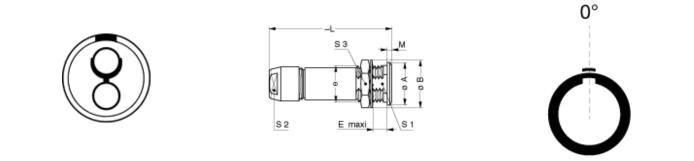
# **Technical details**

Number of contacts Low Voltage	2		
Contact Termination Low voltage	Solder		
R (max)	3.3 mOhm		
Insert configuration value	2B.302 - 2 Low Voltage		
Insulator	L: PEEK (UL 94 / V-0/1.5)		
Rated current	20.5 A		
Vtest (contact-contact)	3 kV (DC)		
Vtest (contact-shell)	2.9 kV (DC)		
Max. Solid Conductor	1.5 mm^2 (AWG 14)		
Max. Stranded Conductor	1.5 mm^2 (AWG 16)		
Bucket Dia.	1.8 mm (0.071in)		
Contact Dia.	2 mm (0.079in)		
Wire Size/AWG	22 - 14		
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	29.2 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]	7.30 - 8.20 mm			

## **Drawings**



### **Dimensions**

	L	Μ	<b>S1</b>	<b>S2</b>	<b>S</b> 3	Е	Α	В	е
mm.	47	1.8	13.5	12	17	8.5	18	19.2	M15x1.0
in.	1.85	0.07	0.53	0.47	0.67	0.33	0.71	0.76	

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### **Recommended By Lemo**

#### Accessories

Compatible cap

BRA.2B.200.PCSG

# Cables

Cable PartNumber	Material	Colour	Cable image
CMN.02.T14.078PGZE		grey	
CMN.02.T14.078PNZE			
320150	PVC	Grey	

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