## PKG.3B.312.CLLD12





Image for illustrative purpose only

## **Summary**

### Request a quote

Catalog	
Number of contacts Low Voltage	12
Wire Size/AWG	30 - 22
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.312.CLAD12
Series	B - Indoor keyed

## **Technical details**

### **Electrical Configuration**

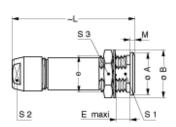
Number of contacts Low Voltage	12
Contact Termination Low voltage	Solder
R (max)	4.8 mOhm
Insert configuration value	3B.312 - 12 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	9 A
Vtest (contact-contact)	2 kV (DC)
Vtest (contact-shell)	1.4 kV (DC)
Max. Solid Conductor	0.34 mm^2 (AWG 22)
Max. Stranded Conductor	0.34 mm^2 (AWG 22)
Bucket Dia.	0.8 mm (0.031in)
Contact Dia.	0.9 mm (0.035in)
Wire Size/AWG	30 - 22
Gender	Standard
Form & 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	52.63 g

#### **Environment**

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 / $\pm$ 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**

	A	В	е	E	L	<b>S</b> 3	S1	S2	M
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

### $\underline{https://www.lemo.com/int\_en/solutions/originals/b-indoor-keyed/pkg-3b-312-clld12.html}$

## **Recommended By Lemo**

#### **Accessories**

Compatible cap

BRA.3B.200.PCSG