## PKG.2B.306.CYMD82





Image for illustrative purpose only

# **Summary**

### Request a quote

Catalog	
Number of contrate Law Valtage	
Number of contacts Low Voltage	6
Wire Size/AWG	20 - 18
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.306.CYCD82
Series	B - Indoor keyed

# **Technical details**

### **Electrical Configuration**

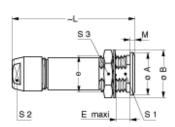
Number of contacts Low Voltage	6
Contact Termination Low voltage	Crimp
R (max)	3.6 mOhm
Insert configuration value	2B.306 - 6 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated current	12 A
Vtest (contact-contact)	2.9 kV (DC)
Vtest (contact-shell)	3.3 kV (DC)
Contact retention	40 N
Max. Conductor	1 mm^2 (AWG 18)
Min. Conductor	0.5 mm^2 (AWG 20)
Bucket Dia.	1.4 mm (0.055in)
Contact Dia.	1.3 mm (0.051in)
Wire Size/AWG	20 - 18
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	29.42 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 / $+250$ °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	M	<b>S1</b>	<b>S2</b>	<b>S</b> 3	E	A	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	

### $\underline{https://www.lemo.com/int\_en/solutions/originals/b-indoor-keyed/pkg-2b-306-cymd82.html}$

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# **Recommended By Lemo**

#### **Accessories**

Replacement contact	EGG.2B.665.ZZM		
Compatible cap	BRA.2B.200.PCSG		
Tools			
Positionner	DCE.91.132.BVM		
Extraction tool	DCC.13.15B.LAG		
Crimp tool	DPC.91.701.V		
Spanner wrench	DCD.2B.ZZZ.PA120		

### **Cables**

Cable PartNumber	Material	Colour	Cable image
360500	PVC	Grey	
360750	PVC	Grey	