



Image for illustrative purpose only

Summary

Request a quote

Catalog

Number of contacts Low Voltage	6
Wire Size/AWG	26 - 22
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	8.30 - 9.20 mm
Size	2В
Suggested matching part	FGG.2B.306.CYGD92
Series	B - Indoor keyed

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/pkg-2b-306-cyud92.html

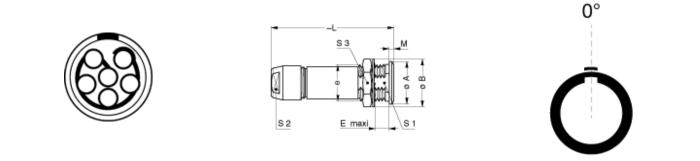
Technical details

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	0.34 mm^2 (AWG 22)					
Min. Conductor	0.14 mm^2 (AWG 26)					
Bucket Dia.	0.8 mm (0.031in)					
Contact Dia.	1.3 mm (0.051in)					
Wire Size/AWG	26 - 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	29.59 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]	8.30 - 9.20 mm				

Drawings



Dimensions

	L	Μ	S1	S2	S 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

AccessoriesReplacement contactEGG.2B.667.ZZMCompatible capBRA.2B.200.PCSGToolsDCE.91.132.CVMPositionnerDCC.13.15B.LAGExtraction toolDCC.13.15B.LAGCrimp toolDPC.91.701.VSpanner wrenchDCD.2B.ZZZ.PA120

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