



Image for illustrative purpose only

Summary

Request a quote

Catalog

Number of contacts Low Voltage	8
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	2B
Suggested matching part	FGG.2B.308.CYBD92
Series	B - Indoor keyed

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/pkg-2b-308-cypd92.html

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Technical details

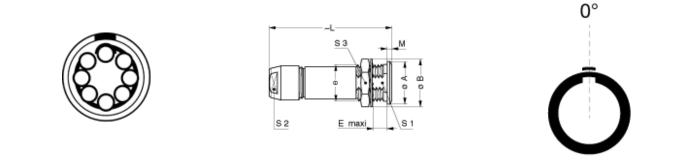
Number of contacts Low Voltage	8				
Contact Termination Low voltage	Crimp				
R (max)	4.8 mOhm				
Insert configuration value	2B.308 - 8 Low Voltage				
Insulator	Y: PEEK for crimp contacts				
Rated current	10 A				
Vtest (contact-contact)	2.8 kV (DC)				
Vtest (contact-shell)	2.8 kV (DC)				
Contact retention	30 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.	0.9 mm (0.035in)				
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	29.75 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

Accessories					
Replacement contact	EGG.2B.661.ZZM				
Compatible cap	BRA.2B.200.PCSG				
Tools					
Positionner	DCE.91.092.BVM				
Extraction tool	DCC.09.05B.LAG				
Crimp tool	DPC.91.701.V				
Spanner wrench	DCD.2B.ZZZ.PA120				

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