PFG.1B.306.CYMD42





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 Rear Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	3.10 - 4.20 mm
Size	1B
Suggested matching part	FGG.1B.306.CYCD42
Series	B - Indoor keyed

Technical details

Electrical Configuration

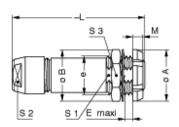
Number of contacts Low Voltage	6	
Contact Termination Low voltage	Crimp	
R (max)	6.1 mOhm	
Insert configuration value	1B.306 - 6 Low Voltage	
Insulator	Y: PEEK for crimp contacts	
Rated current	7 A	
Vtest (contact-contact)	2 kV (DC)	
Vtest (contact-shell)	2 kV (DC)	
Contact retention	22 N	
Max. Conductor	0.34 mm^2 (AWG 22)	
Min. Conductor	0.14 mm^2 (AWG 26)	
Bucket Dia.	0.8 mm (0.031in)	
Contact Dia.	0.7 mm (0.028in)	
Wire Size/AWG	26 - 22	
Gender	Standard	
Form & Material		
Shell style / Model id	PF - Fixed receptacle, with two nuts, cable collet (back panel mounting)	
Socket / Receptacle	Fixed Panel Rear 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	

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 she 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]	3.10 - 4.20 mm			

Drawings







Dimensions

	Α	В	е	E	L	М	S1	S2	S 3
mm.	16	16	M12x1.0	5	40.5	3.5	10.5	9	14
in.	0.63	0.63		0.2	1.59	0.14	0.41	0.35	0.55

$\underline{https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/\underline{pfg-1b-306-cymd42.html}}$

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Recommended By Lemo

Accessories

Replacement contact	EGG.1B.655.ZZM		
Compatible cap	BRA.1B.200.PCSG		
Tools			
Positionner	DCE.91.071.BVM		
Extraction tool	DCC.07.04B.LAG		
Crimp tool	DPC.91.701.V		
Spanner wrench	Socket for torque wrench DCM.1S.M12.4		

Cables

Cable PartNumber	Material	Colour	Cable image
CMN.06.T26.037QGZE	TPR (medical)	Grey	
CMN.06.T28.031PGCE	PVC	GREY	
CMN.06.T28.031PGZE		grey	
CMN.06.T28.031PNCE	PVC	Black	
CMN.06.T28.031PNZE			
CMN.06.T28.042QBCE	TPR (medical)		
60260	PTFE	White	