PFG.2B.312.CYPD82





Image for illustrative purpose only

Summary

Request a quote

Catalog	
Number of contacts Low Voltage	12
Wire Size/AWG	32 - 28
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	7.30 - 8.20 mm
Size	2B
Series	B - Indoor keyed

Technical details

Electrical Configuration

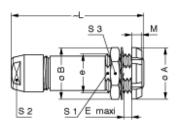
Number of contacts Low Voltage	12
Contact Termination Low voltage	Crimp
R (max)	6.1 mOhm
Insert configuration value	2B.312 - 12 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated current	7 A
Vtest (contact-contact)	2.3 kV (DC)
Vtest (contact-shell)	2.9 kV (DC)
Contact retention	22 N
Max. Conductor	0.09 mm^2 (AWG 28)
Min. Conductor	0.035 mm^2 (AWG 32)
Bucket Dia.	0.45 mm (0.018in)
Contact Dia.	0.7 mm (0.028in)
Wire Size/AWG	32 - 28
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 sh 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

	A	В	е	E	L	M	S1	S2	S 3
mm.	20	20	M15x1.0	6.5	47	3.5	13.5	12	17
in.	0.79	0.79		0.26	1.85	0.14	0.53	0.47	0.67

$\underline{https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/pfg-2b-312-cypd82.html}$

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Recommended By Lemo

Accessories

Replacement contact	EGG.2B.656.ZZM		
Compatible cap	BRA.2B.200.PCSG		
Tools			
Positionner	DCE.91.072.BVM		
Extraction tool	DCC.07.04B.LAG		
Crimp tool	DPC.91.701.V		
Spanner wrench	Socket for torque wrench DCM.65.170.AZ and DCM.2S.M15.6		

Cables

Cable PartNumber	Material	Colour	Cable image
124080	PVC	Grey	