PFG.2B.302.CYMD62





Image for illustrative purpose only

Summary

Request a quote

Catalog	
Number of contacts Low Voltage	2
Wire Size/AWG	16 - 12
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	5.30 - 6.20 mm
Size	2B
Suggested matching part	FGG.2B.302.CYCD62
Series	B - Indoor keyed

Technical details

Electrical Configuration

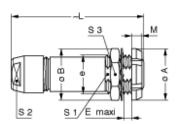
Number of contacts Low Voltage	2	
Contact Termination Low voltage	Crimp	
R (max)	3.3 mOhm	
Insert configuration value	2B.302 - 2 Low Voltage	
Insulator	Y: PEEK for crimp contacts	
Rated current	20.5 A	
Vtest (contact-contact)	4.1 kV (DC)	
Vtest (contact-shell)	3.8 kV (DC)	
Contact retention	65 N	
Max. Conductor	2.5 mm^2 (AWG 12)	
Min. Conductor	1.5 mm^2 (AWG 16)	
Bucket Dia.	2.4 mm (0.094in)	
Contact Dia.	2 mm (0.079in)	
Wire Size/AWG	16 - 12	
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 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] 5.30 - 6.20 mm					

Drawings







Dimensions

	A	В	е	E	L	M	S1	S2	S3
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

$\underline{https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/pfg-2b-302-cymd62.html}$

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Recommended By Lemo

Accessories

Replacement contact	EGG.2B.675.ZZM
Compatible cap	BRA.2B.200.PCSG
Tools	
Positionner	DCE.91.202.BVCM
Extraction tool	DCC.20.25B.LAG
Crimp tool	DPC.91.101.A
Spanner wrench	Socket for torque wrench DCM.65.170.AZ and DCM.2S.M15.6

Cables

Cable PartNumber	Material	Colour	Cable image
102080	PVC	Grey	
120184	PVC	Black	
120500	PVC	Grey	
120751	PVC	Grey	-
220750	PVC	Grey	>