PFG.2B.303.CLLD92





Image for illustrative purpose only

Summary

Request a quote

Catalog					
Number of contacts Low Voltage	3				
Wire Size/AWG	24 - 16				
Gender	Standard				
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted				
Locking system	Push-pull				
Jacket cable outside diameter [mm]	8.30 - 9.20 mm				
Size	2В				
Suggested matching part	FGG.2B.303.CLAD92				
Series	B - Indoor keyed				

Technical details

Electrical Configuration

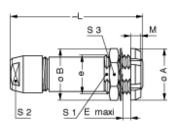
Number of contacts Low Voltage	3
Contact Termination Low voltage	Solder
R (max)	3.5 mOhm
Insert configuration value	2B.303 - 3 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	17 A
Vtest (contact-contact)	3.5 kV (DC)
Vtest (contact-shell)	2.6 kV (DC)
Max. Solid Conductor	1 mm^2 (AWG 16)
Max. Stranded Conductor	1 mm^2 (AWG 18)
Bucket Dia.	1.4 mm (0.055in)
Contact Dia.	1.6 mm (0.063in)
Wire Size/AWG	24 - 16
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]	8.30 - 9.20 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

$\underline{https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/pfg-2b-303-clld92.html}$

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

Recommended By Lemo

Accessories

Compatible cap

BRA.2B.200.PCSG