



Image for illustrative purpose only

# **Summary**

### Request a quote

Catalog

Number of contacts Low Voltage	12
Wire Size/AWG	24 - 20
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	4.90 - 6.20 mm
Size	3B
Series	B - Indoor keyed

https://www.lemo.com/int\_en/solutions/originals/b-indoor-keyed/pfg-3b-312-cymd62.html

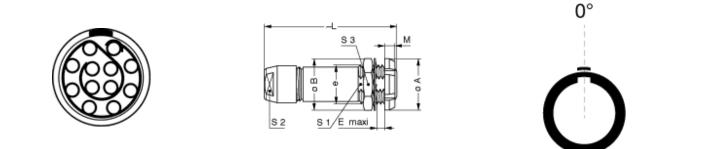
# **Technical details**

Number of contacts Low Voltage	12			
Contact Termination Low voltage	Crimp			
R (max)	4.8 mOhm			
Insert configuration value	3B.312 - 12 Low Voltage			
Insulator	Y: PEEK for crimp contacts			
Rated current	9 A			
Vtest (contact-contact)	2.3 kV (DC)			
Vtest (contact-shell)	2.6 kV (DC)			
Contact retention	30 N			
Max. Conductor	0.5 mm^2 (AWG 20)			
Min. Conductor	0.25 mm^2 (AWG 24)			
Bucket Dia.	1.1 mm (0.043in)			
Contact Dia.	0.9 mm (0.035in)			
Wire Size/AWG	24 - 20			
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, receptacles female contacts)			
Colour	Grey			

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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]	4.90 - 6.20 mm				

# **Drawings**



## Dimensions

	Α	В	е	Е	L	Μ	<b>S1</b>	<b>S</b> 2	<b>S</b> 3
mm.	24	25	M18x1.0	9	56	4.5	16.5	14	22
in.	0.94	0.98		0.35	2.2	0.18	0.65	0.55	0.87

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# **Recommended By Lemo**

# AccessoriesReplacement contactEGG.3B.660.ZZMCompatible capBRA.3B.200.PCSGToolsPositionnerDCE.91.093.BVMExtraction toolDCC.09.05B.LAGCrimp toolDPC.91.701.VSpanner wrenchSocket for torque wrench DCM.65.200.AZ

# Cables

Cable PartNumber	Material	Colour	Cable image
CMN.12.T28.054PGZE		grey	
CMN.12.T28.054PNZE			
112260	PTFE	White	
112280	PVC	Black	

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