# EGJ.3B.312.CYC





Image for illustrative purpose only

### **Summary**

#### Request a quote

Catalog	
Number of contacts Low Voltage	12
Wire Size/AWG	24 - 20
Gender	Reverse Gender
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	2.00 - 16.60 mm
Size	3B
Suggested matching part	FGJ.3B.312.CYMD82
Series	B - Indoor keyed

### **Technical details**

#### **Electrical Configuration**

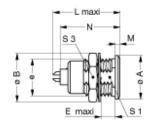
Number of contacts Low Voltage	12			
Contact Termination Low voltage	Crimp			
R (max)	4.8 mOhm			
Insert configuration value	3B.312 - 12 Low Voltage			
Insulator	Y: PEEK for crimp contacts			
Rated current	9 A			
Vtest (contact-contact)	2.3 kV (DC)			
Vtest (contact-shell)	2.6 kV (DC)			
Contact retention	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	Reverse Gender			
Form & Material				
Shell style / Model id	EG - Fixed receptacle, nut fixing			
Socket / Receptacle	Fixed Panel Front 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	2 keys (alpha=37.5, plug: female contacts, receptacle: male contacts)			
Colour	Grey			
Weight	24.58 g			

#### **Environment**

Audio Video, Energy and Industrial, Medical, Semiconductor, Specialties and Other, Test and Measurement, Transportation, Aerospace and UAV IP50				
IP50				
5000 mating cycles				
-55°C / +250°C (max. temperature valid for short periods of use.)				
50/175/21				
<=95% [at 60 deg C /140 F]				
75 dB (10 MHz)				
40 dB (1 GHz)				
100 g [ 6 ms]				
15 g [10 Hz - 2000 Hz]				
>1000 hr				
2.00 - 16.60 mm				

# **Drawings**







#### **Dimensions**

	A	В	е	E	L	M	N	<b>S3</b>	S1	
mm.	22	25	M18x1.0	11.5	30.7	2	28.1	22	16.5	
in.	0.87	0.98		0.45	1.21	0.08	1.11	0.87	0.65	

# **Recommended By Lemo**

#### **Accessories**

Replacement contact	FGG.3B.560.ZZC
Compatible cap	BRE.3S.200.NAS
Tools	
Positionner	DCE.91.093.BVC
Extraction tool	DCC.09.05B.LAG
Crimp tool	DPC.91.701.V

### **Cables**

Cable PartNumber	Material	Colour	Cable image
CMN.12.T22.070QGZE	TPR (medical)	Grey	
CMN.12.T28.054PGZE		grey	
CMN.12.T28.054PNZE			
112240	PTFE	White	
112260	PTFE	White	
112280	PVC	Black	
12050	PVC	Black	
124080	PVC	Grey	
124084	PVC	Black	
212220	PVC	Black	
212240	PVC	Black	
212250	PVC	Grey	
212260	PVC	Black	
412500	PVC	Grey	
412750	PVC	Grey	