# **EGG.0B.312.CLL**





Image for illustrative purpose only

## **Summary**

#### Request a quote

Catalog	
Number of contacts Low Voltage	12
Wire Size/AWG	36 - 28
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	1.00 - 8.30 mm
Size	OB
Suggested matching part	FGG.0B.312.CLAD52
Series	B - Indoor keyed

# **Technical details**

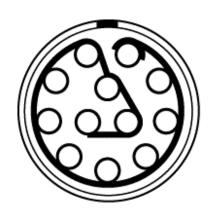
### **Electrical Configuration**

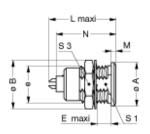
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Number of contacts Low Voltage	12
Contact Termination Low voltage	Solder
R (max)	8.7 mOhm
Insert configuration value	0B.312 - 12 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	1.7 A
Vtest (contact-contact)	1.1 kV (DC)
Vtest (contact-shell)	1.5 kV (DC)
Max. Solid Conductor	0.09 mm^2 (AWG 28)
Max. Stranded Conductor	0.05 mm^2 (AWG 30)
Bucket Dia.	0.4 mm (0.016in)
Contact Dia.	0.35 mm (0.01in)
Wire Size/AWG	36 - 28
Gender	Standard
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	G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Colour	Grey
Weight	4.34 g

#### **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				
Jacket cable outside diameter [mm]	1.00 - 8.30 mm			

# **Drawings**







### **Dimensions**

	В	е	L	M	N	<b>S1</b>	<b>S3</b>	E	A
mm.	12.5	M9x0.6	20.7	1.2	19.1	8.2	11	7	10
in.	0.49		0.81	0.05	0.75	0.32	0.43	0.28	0.39

# **Recommended By Lemo**

#### **Accessories**

Compatible cap	BRE.0S.200.NAS	
Tools		
Spanner	DCA.91.161.1TN	