### **EGA.3B.310.CYM**





Image for illustrative purpose only

### **Summary**

#### Request a quote

Catalog	
Number of contacts Low Voltage	10
Wire Size/AWG	20 - 18
Gender	Standard
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	FGA.3B.310.CYCD62
Series	B - Indoor keyed

## **Technical details**

#### **Electrical Configuration**

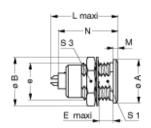
incentical configuration				
Number of contacts Low Voltage	10			
Contact Termination Low voltage	Crimp			
R (max)	3.6 mOhm			
Insert configuration value	3B.310 - 10 Low Voltage			
Insulator	Y: PEEK for crimp contacts			
Rated current	12 A			
Vtest (contact-contact)	2.1 kV (DC)			
Vtest (contact-shell)	2.6 kV (DC)			
Contact retention	40 N			
Max. Conductor	1 mm^2 (AWG 18)			
Min. Conductor	0.5 mm^2 (AWG 20)			
Bucket Dia.	1.4 mm (0.055in)			
Contact Dia.	1.3 mm (0.051in)			
Wire Size/AWG	20 - 18			
Gender	Standard			
orm & 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	A: 2 keys (alpha=30, plug: male contacts, receptacle female contacts)			
Colour	Grey			
Weight	27.26 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]	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	EGG.3B.665.ZZM
Compatible cap	BRE.3S.200.NAS
Tools	
Spanner	DCA.91.282.2TN
Positionner	DCE.91.133.BVM
Extraction tool	DCC.13.15B.LAG
Crimp tool	DPC.91.701.V

### **Cables**

Cable PartNumber	Material	Colour	Cable image
CMN.10.T20.080PGZE		grey	
CMN.10.T20.080PNZE			
CMN.10.T20.080QGC	TPR	Grey	
CMN.10.T22.068QGZE	TPR (medical)	Grey	
CMN.10.T28.052PGZE		grey	
CMN.10.T28.052PNZE			
CMN.10.T28.053QGZE	TPR (medical)	Grey	
110220	PVC	Black	
110240	PTFE	White	
110260	PTFE	White	
110280	PVC	Black	
210140	PVC	Grey	
210240	PVC	Black	
210250	PVC	Grey	
210260	PVC	Black	