## **EGA.2B.310.CYM**





Image for illustrative purpose only

# **Summary**

### Request a quote

Catalog	
Number of contacts Low Voltage	10
Wire Size/AWG	24 - 20
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	2.00 - 13.60 mm
Size	2B
Suggested matching part	FGA.2B.310.CYCD82
Series	B - Indoor keyed

# **Technical details**

### **Electrical Configuration**

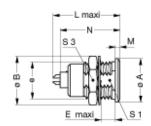
icetrical configuration				
Number of contacts Low Voltage	10			
Contact Termination Low voltage	Crimp			
R (max)	4.8 mOhm			
Insert configuration value	2B.310 - 10 Low Voltage			
Insulator	Y: PEEK for crimp contacts			
Rated current	8 A			
/test (contact-contact) 2.6 kV (DC)				
Vtest (contact-shell)	3 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			
orm & Material				
Shell style / Model id	EG - Fixed receptacle, nut fixing			
Socket / Receptacle	Fixed Panel Front Mounted			
Brass (chrome plated [SAE AMS 2460]) shousing material collet nut, nickel plated [SAE AMS QQ N 29 latch sleeve and mid pieces				
Locking system	Push-pull			
Keying	A: 2 keys (alpha=30, plug: male contacts, receptacle female contacts)			
Colour	Grey			
Weight	15.36 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 - 13.60 mm		

# **Drawings**







### **Dimensions**

	A	В	е	E	L	M	N	<b>S3</b>	S1	
mm.	18	19.5	M15x1.0	8.5	26.7	1.8	24.6	17	13.5	
in.	0.71	0.77		0.33	1.05	0.07	0.97	0.67	0.53	

# **Recommended By Lemo**

#### **Accessories**

Replacement contact	EGG.2B.660.ZZM
Compatible cap	BRE.2S.200.NAS
Tools	
Spanner	DCA.91.231.7TN
Positionner	DCE.91.092.BVM
Extraction tool	DCC.09.05B.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	The state of the s
110240	PTFE	White	
110260	PTFE	White	
110280	PVC	Black	
210140	PVC	Grey	
210240	PVC	Black	
210250	PVC	Grey	
210260	PVC	Black	