## EGC.2B.308.CYM





Image for illustrative purpose only

### **Summary**

#### Request a quote

Catalog	
Number of contacts Law Valtage	0
Number of contacts Low Voltage	8
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	FGC.2B.308.CYCD52Z
Series	B - Indoor keyed

## **Technical details**

#### **Electrical Configuration**

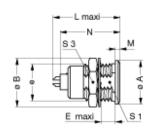
Number of contacts Low Voltage	8			
Contact Termination Low voltage	Crimp			
R (max)	4.8 mOhm			
Insert configuration value	2B.308 - 8 Low Voltage			
Insulator	Y: PEEK for crimp contacts			
Rated current	10 A			
Vtest (contact-contact) 2.8 kV (DC)				
Vtest (contact-shell) 2.8 kV (DC)				
Contact retention	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	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	C: 2 keys (alpha=60, plug: male contacts, receptacle: female contacts)			
Colour	Grey			
Weight	15.17 g			

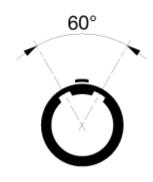
#### **Environment**

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	
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.08.T20.067PGCE	PVC	Grey	
CMN.08.T20.067PGZE		grey	
CMN.08.T20.067PNZE			
CMN.08.T22.059QGC	TPR	Grey	
CMN.08.T22.059QGZE	TPR (medical)	Grey	
CMN.08.T26.042QGZE	TPR (medical)	Grey	
108220	PVC	Black	
108240	PTFE	White	
108260	PTFE	White	
16080	PVC	Grey	
180240	PVC	Black	
180260	PVC	Black	
280250	PVC	Grey	
335990	PVC	Black	
335991	PVC	Black	
380500	PVC	Grey	
380750	PVC	Grey	
42265	PVC	Yellow	
80140	PVC	Grey	
8050	PVC	Black	
8280	PVC	Black	

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