# EGA.3B.305.CLL





Image for illustrative purpose only

## **Summary**

### Request a quote

Catalog	
Number of contacts Low Voltage	5
Wire Size/AWG	24 - 16
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.305.CLAD10Z
Series	B - Indoor keyed

# **Technical details**

### **Electrical Configuration**

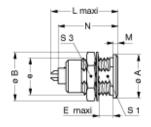
•			
Number of contacts Low Voltage	5		
Contact Termination Low voltage	Solder		
R (max)	3.5 mOhm		
Insert configuration value	3B.305 - 5 Low Voltage		
Insulator	L: PEEK (UL 94 / V-0/1.5)		
Rated current	12.5 A		
Vtest (contact-contact)	2.7 kV (DC)		
Vtest (contact-shell)	1.8 kV (DC)		
Max. Solid Conductor	1 mm^2 (AWG 16)		
Max. Stranded Conductor	1 mm^2 (AWG 18)		
Bucket Dia.	1.4 mm (0.055in)		
Contact Dia.	1.6 mm (0.063in)		
Wire Size/AWG	24 - 16		
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	25.98 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**

Compatible cap BRE.3S.200.NAS

Tools

Spanner DCA.91.282.2TN

## **Cables**

Cable PartNumber	Material	Colour	Cable image
CMN.05.T18.065PGZE		grey	<b>&gt;</b>
CMN.05.T18.065PNZE			<b>&gt;</b> €
CMN.05.T20.057PGZE		grey	<b>&gt;</b>
CMN.05.T20.057PNZE			<b>&gt;</b> —€
CMN.05.T20.057QGZE	TPR (medical)	Grey	<b>&gt;</b>
CMN.05.T22.051QGZE	TPR (medical)	Grey	€
CMN.05.T28.029PGCE	PVC	GREY	
CMN.05.T28.029PGZE		grey	▶——€
CMN.05.T28.029PNCE	PVC	Black	
CMN.05.T28.029PNZE			<b>&gt;</b> —€
150250	PVC	Grey	
250500	PVC	Grey	
50090	PVC	Black	
50140	PVC	Grey	
5050	PVC	Black	