## EGC.5B.320.CLL





Image for illustrative purpose only

## **Summary**

#### Request a quote

Catalog	
Number of contacts Low Voltage	20
Wire Size/AWG	24 - 16
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	4.00 - 33.60 mm
Size	5B
Series	B - Indoor keyed

## **Technical details**

#### **Electrical Configuration**

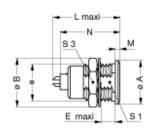
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Number of contacts Low Voltage	20
Contact Termination Low voltage	Solder
R (max)	3.5 mOhm
Insert configuration value	5B.320 - 20 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	10 A
Vtest (contact-contact)	2.7 kV (DC)
Vtest (contact-shell)	2.4 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	C: 2 keys (alpha=60, plug: male contacts, receptacle female contacts)
Colour	Grey
Weight	137 g

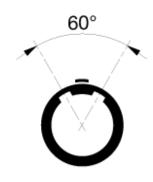
#### **Environment**

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]	4.00 - 33.60 mm			

# **Drawings**







#### **Dimensions**

	е	E	L	M	N	<b>S1</b>	В	A	
mm.	M35x1.0	11	43.5	3	39.6	33.5	40	40	
in.		0.43	1.71	0.12	1.56	1.32	1.57	1.57	

# **Recommended By Lemo**

#### **Accessories**

Compatible cap

BRE.5S.200.NAS

### **Cables**

Cable PartNumber	Material	Colour	Cable image
420250	PVC	Grey	
420500	PVC	Grey	
520750	PVC	Grey	