EGG.3B.312.CYP





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Summary

Request a quote

Catalog	
Number of contacts Low Voltage	12
Wire Size/AWG	26 - 22
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	FGG.3B.312.CYBD82
Series	B - Indoor keyed

Technical details

Electrical Configuration

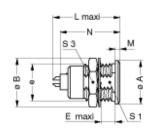
Number of contacts Low Voltage	12		
Contact Termination Low voltage	Crimp		
R (max)	4.8 mOhm		
Insert configuration value	3B.312 - 12 Low Voltage		
Insulator	Y: PEEK for crimp contacts		
Rated current	9 A		
Vtest (contact-contact)	2.3 kV (DC)		
Vtest (contact-shell)	2.6 kV (DC)		
Contact retention	30 N		
Max. Conductor	0.34 mm^2 (AWG 22)		
Min. Conductor	0.14 mm^2 (AWG 26)		
Bucket Dia.	0.8 mm (0.031in)		
Contact Dia.	0.9 mm (0.035in)		
Wire Size/AWG	26 - 22		
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	G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)		
Colour	Grey		
Weight	26.7 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	S3	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.661.ZZM
Compatible cap	BRE.3S.200.NAS
Tools	
Spanner	DCA.91.282.2TN
Positionner	DCE.91.093.BVM
Extraction tool	DCC.09.05B.LAG
Crimp tool	DPC.91.701.V

Cables

Cable PartNumber	Material	Colour	Cable image
CMN.12.T22.070QGZE	TPR (medical)	Grey	
CMN.12.T28.054PGZE		grey	
CMN.12.T28.054PNZE			
112240	PTFE	White	
112260	PTFE	White	
112280	PVC	Black	
12050	PVC	Black	
124080	PVC	Grey	
124084	PVC	Black	
212220	PVC	Black	
212240	PVC	Black	
212250	PVC	Grey	
212260	PVC	Black	