EEA.3B.308.CYM





Image for illustrative purpose only

Summary

Request a quote

Catalog	
Number of contacts Low Voltage	0
Number of contacts Low Voltage	8
Wire Size/AWG	20 - 18
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	2.00 - 16.60 mm
Size	3B
Suggested matching part	FGA.3B.308.CYCD12
Series	B - Indoor keyed

Technical details

Electrical Configuration

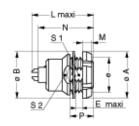
Number of contacts Low Voltage	8				
Contact Termination Low voltage	Crimp				
R (max)	3.6 mOhm				
Insert configuration value	3B.308 - 8 Low Voltage				
Insulator	Y: PEEK for crimp contacts				
Rated current	13 A				
Vtest (contact-contact)	2.6 kV (DC)				
Vtest (contact-shell)	2.5 kV (DC)				
Contact retention	40 N				
Max. Conductor	1 mm^2 (AWG 18)				
Min. Conductor	0.5 mm^2 (AWG 20)				
Bucket Dia.	1.4 mm (0.055in)				
Contact Dia.	1.3 mm (0.051in)				
Wire Size/AWG	20 - 18				
Gender	Standard				
Form & Material					
Shell style / Model id	EE - Fixed receptacle, nut fixing (back panel mounting)				
Socket / Receptacle	Fixed Panel Rear 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	26.14 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

	S1	S2	E	P	L	M	N	е	A	В
mm.	16.5	20	6.1	12	30.7	4.5	28.1	M18x1.0	24	25
in.	0.65	0.79	0.24	0.47	1.21	0.18	1.11		0.94	0.98

Recommended By Lemo

Accessories

Replacement contact	EGG.3B.665.ZZM
Compatible cap	BRE.3S.200.NAS
Tools	
Positionner	DCE.91.133.BVM
Extraction tool	DCC.13.15B.LAG
Crimp tool	DPC.91.701.V
Spanner wrench	Socket for torque wrench DCM.65.200.AZ

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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