EGG.3B.314.CYM

Standard



Image for illustrative purpose only

Summary

Request a quote

BKT series

Customer Drawing

Number of contacts Low Voltage	14
Wire Size/AWG	24 - 20
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Panel Drill Hole	M18
Jacket cable outside diameter [mm]	2.00 - 16.60 mm
Size	3B

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/egg-3b-314-cym.html
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Suggested matching part	FGG.3B.314.CYCD11Z FGG.3B.314.CYCD82Z
Series	B - Indoor keyed

Technical details

Electrical Configuration

Number of contacts Low Voltage	14
Contact Termination Low voltage	Crimp
R (max) - electrical contact resistance	4.8 mOhm
Insert configuration value	3B.314 - 14 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated current	9 A
Test voltage contact-contact	2.6 kV DC
Test voltage contact-shell	2.3 kV DC
Contact retention	30 N
Max. Conductor	0.5 mm² (AWG 20)
Min. Conductor	0.25 mm² (AWG 24)
Bucket Dia.	1.1 mm (0.043 in)
Contact Dia.	0.9 mm (0.035 in)
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	G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Colour	Grey
Weight	28.75 g
Panel Drill Hole	M18

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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.)
Climatic Category	55/175/21
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

Recommended By Lemo

Contacts	
Replacement contact	EGG.3B.660.ZZM
Caps	
Compatible cap	BRE.3S.200.NAS
Cap 2	BRE.3S.200.NAV
Plastic Cap	BRA.3B.200.PCSG
Cap BRR	BRR.3S.200.PZVG
Soft Cap	BEZ.3B.200.SCN
Tools	
Spanner	DCA.91.282.2TN
Positionner	DCE.91.093.BVM
Extraction tool	DCC.09.05B.LAG
Crimp tool	DPC.91.701.V

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Cables

Cable PartNumber	Material	Colour	Cable image
CMN.14.T22.068PGCE	PVC	GREY	
CMN.14.T22.068PGZE		grey	
CMN.14.T22.068PNCE	PVC	Black	
CMN.14.T22.068PNZE			
CMN.14.T28.056PGZE		grey	
CMN.14.T28.056PNZE			
CMN.14.T28.056QGZE	TPR (medical)	Grey	
114260	PTFE	White	
214140	PVC	Black	
214240	PTFE	White	
314250	PVC	Grey	
414750	PVC	Grey	

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