FGG.4B.330.CLAD12Z

Special

Image for illustrative purpose only

Summary

Request a quote

BKT series

See video assembly instructions

Customer Drawing

Number of contacts Low Voltage	30
Wire Size/AWG	30 - 22
Gender	Standard
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	10.60 - 12.00 mm
Size	4B
Suggested matching part	EGG.4B.330.CLL

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/fgg-4b-330-clad12z.html
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Series	B - Indoor keyed

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Technical details

Electrical Configuration	
Number of contacts Low Voltage	30
Contact Termination Low voltage	Solder
R (max)	4.8 mOhm
Insert configuration value	4B.330 - 30 Low Voltage
Footprint IPC Class3 compatibility	No
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	5 A
Vtest (contact-contact)	1.4 kV (DC)
Vtest (contact-shell)	1.2 kV (DC)
Max. Solid Conductor	0.34 mm² (AWG 22)
Max. Stranded Conductor	0.34 mm² (AWG 22)
Bucket Dia.	0.8 mm (0.031in)
Contact Dia.	0.9 mm (0.035in)
Wire Size/AWG	30 - 22
Gender	Standard

Form & Material	
Shell style / Model id	FG - Straight plug, cable collet and nut for fitting a bend relief
Plug	Straight
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
Variant	Nut for fitting a bend relief
Weight	118.84 g

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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	
Cable termination protection	For cable bend relief
Fixation type	Cable collet
Jacket cable outside diameter [mm]	10.60 - 12.00 mm

Recommended By Lemo

Accessories	
Compatible cap	BFG.4B.100.NAS
Tools	
Spanner	DCP.91.045.TN

Cables

Cable PartNumber	Material	Colour	Cable image
430250	PVC	Grey	

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