FAG.3B.330.CYB





Image for illustrative purpose only

Summary

Request a quote

Catalog

Number of contacts Low Voltage	30
Wire Size/AWG	32 - 28
Gender	Standard
Plug	Plug - Fixed
Locking system	Snap-on
Size	3B
Suggested matching part	PHG.3B.330.CLLD10
Series	B - Indoor keyed

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/fag-3b-330-cyb.html

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Technical details

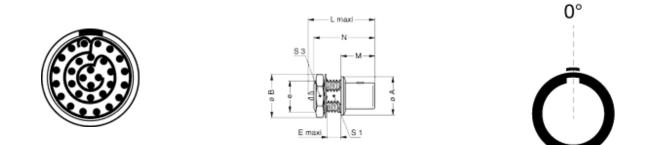
Number of contacts Low Voltage	30
Contact Termination Low voltage	Crimp
R (max)	6.1 mOhm
Insert configuration value	3B.330 - 30 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated current	3.5 A
Vtest (contact-contact)	2 kV (DC)
Vtest (contact-shell)	1.7 kV (DC)
Contact retention	22 N
Max. Conductor	0.09 mm^2 (AWG 28)
Min. Conductor	0.035 mm^2 (AWG 32)
Bucket Dia.	0.45 mm (0.018in)
Contact Dia.	0.7 mm (0.028in)
Wire Size/AWG	32 - 28
Gender	Standard
Form & Material	
Shell style / Model id	FA - Fixed plug, non-latching, nut fixing
Plug	Fixed
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	Snap-on
Keying	G: 1 key (alpha=0, plug: male contacts, receptacle female contacts)
Colour	Grey
Weight	37.26 g

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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

Drawings



Dimensions

	Α	В	е	Е	L	Μ	Ν	S1	S 3
mm.	22	25.2	M18x1.0	5.8	32.1	17	30.2	16.5	22
in.	0.87	0.99		0.23	1.26	0.67	1.19	0.65	0.87

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Recommended By Lemo

Accessories	
Replacement contact	FGG.3B.556.ZZC
Tools	
Spanner	DCA.91.282.2TN
Extraction tool	DCC.07.04B.LAG
Crimp tool	DPC.91.701.V

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