FAA.1B.314.CLA





Image for illustrative purpose only

Summary

Request a quote

Catalog

Number of contacts Low Voltage	14
Wire Size/AWG	34 - 28
Gender	Standard
Plug	Plug - Fixed
Locking system	Snap-on
Size	1B
Suggested matching part	PHA.1B.314.CLLD42
Series	B - Indoor keyed

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/faa-1b-314-cla.html

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Technical details

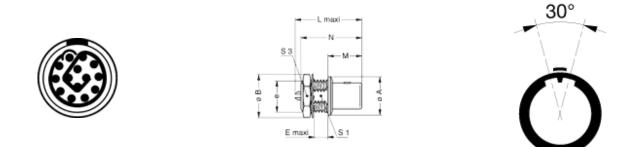
Number of contacts Low Voltage	14			
Contact Termination Low voltage	Solder			
R (max)	8.7 mOhm			
Insert configuration value	1B.314 - 14 Low Voltage			
Insulator	L: PEEK (UL 94 / V-0/1.5)			
Rated current	2 A			
Vtest (contact-contact)	1.1 kV (DC)			
Vtest (contact-shell)	1.7 kV (DC)			
Max. Solid Conductor	0.09 mm^2 (AWG 28)			
Max. Stranded Conductor	0.09 mm^2 (AWG 28)			
Bucket Dia.	0.45 mm (0.018in)			
Contact Dia.	0.5 mm (0.02in)			
Wire Size/AWG	34 - 28			
Gender	Standard			
orm & 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	A: 2 keys (alpha=30, plug: male contacts, receptacle female contacts)			
Colour	Grey			
Weight	12.16 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.	14	16	M12x1.0	5.4	25.2	12.5	21.6	10.5	14
in.	0.55	0.63		0.21	0.99	0.49	0.85	0.41	0.55

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Cables

Cable PartNumber	Material	Colour	Cable image
CMN.14.T28.056PGZE		grey	
CMN.14.T28.056PNZE			
CMN.14.T28.056QGZE	TPR (medical)	Grey	

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