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Summary

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Number of contacts Low Voltage	14
Gender	Standard
Plug	Plug - Fixed
Locking system	Snap-on
Size	2B
Suggested matching part	PHG.2B.314.CLLD62
Series	B - Indoor keyed

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/fag-2b-314-clv.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	14
Contact Termination Low voltage	PCB - Elbow
R (max)	6.1 mOhm
Insert configuration value	2B.314 - 14 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	6 A
Vtest (contact-contact)	1150 V (AC), 1630 V (DC)
Vtest (contact-shell)	1350 V (AC), 1910 V (DC)
Contact Dia.	0.7 mm (0.028in)
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

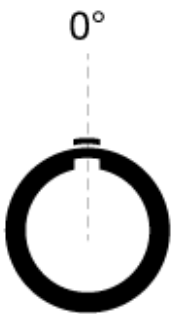
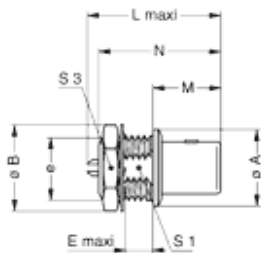
Environment

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

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Drawings



Dimensions

	S3	A	B	e	E	L	M	N	S1
mm.	17	18	19.5	M15x1.0	6.0	28.7	13.8	23.9	13.5
in.	0.67	0.71	0.77		0.24	1.13	0.54	0.94	0.53

Recommended By Lemo

Tools

Spanner	DCA.91.231.7TN
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