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## Summary

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Nb of contacts Thermocouple	2
Number of contacts Low Voltage	3
Gender	Standard
Plug	Plug - Bridge
Locking system	Snap-on
Size	1B
Series	B - Indoor keyed

[https://www.lemo.com/int\\_en/solutions/originals/b-indoor-keyed/crd-1b-303-plem.html](https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/crd-1b-303-plem.html)

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# Technical details

## Electrical Configuration

Nb of contacts Thermocouple	2
Insert configuration value	1B.303 - 3 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	12 A
Contact Dia.	1.3 mm (0.05in)
Number of contacts Low Voltage	3
Gender	Standard

## Form & Material

Shell style / Model id	CRF - Bridge plug with two non-latching plugs with monitoring output
Plug	Bridge
Housing material	PA.6 (Polyamide 6) shell without treatment, other pieces nickel plated [SAE AMS QQ N 290] brass
Locking system	Snap-on
Keying	2 keys (beta=135, plug: male contacts, receptacle: female contacts)
Colour	Brown
Variant	Brown

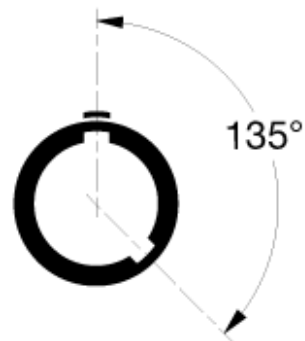
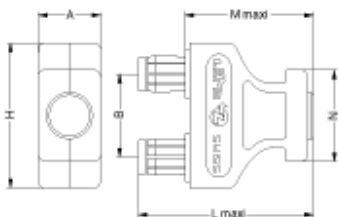
## Environment

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	-20°C / +90°C
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	>144 hr

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# Drawings



## Dimensions

	<b>B</b>	<b>L</b>	<b>M</b>	<b>N</b>	<b>H</b>	<b>A</b>
mm.	20	42	31	22	35	15
in.	0.79	1.65	1.22	0.87	1.38	0.59

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