



Image for illustrative purpose only

Summary

[Request a quote](#)

[Catalog](#)

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/crc-1b-303-plev.html

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

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 (alpha=90, plug: male contacts, receptacle: female contacts)
Colour	Green
Variant	Green
Weight	24.42 g

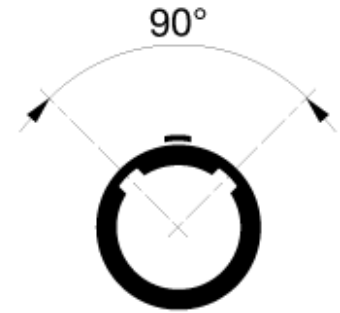
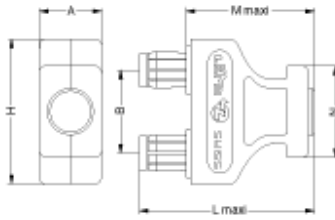
Environment

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

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/crc-1b-303-plev.html

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

Drawings



Dimensions

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

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/crc-1b-303-plev.html

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.