

LCU – Single Lambda to CAN Controller

LCU is able to control and read a single Bosch LSU 4.9 lambda sensor.
 The output is on CAN bus and it is fully compatible with MoTeC M1 ECU or MoTeC Dashboard protocol.

Default CAN Configuration:

- ◆ BAUDRATE: **1 Mbps**
- ◆ CAN ID: **0x460**
(Compatible with MoTeC M1 protocol)



!!!!Can ID 0x7FE and 0x7FD are reserved!!!!

!!!!Can ID 0x480 is reserved to enable/disable the module as MoTeC M1 standard!!!!

Multiple modules can be connected on the same CAN bus line: a specific procedure must be set by Aviorace specialists on the selected controllers.

Technical Specification:

- ◆ Power Supply: 8÷16 Vdc (with reverse polarity protection)
- ◆ Max Current Absorption: 2 A (during sensors heating)
- ◆ Working Temperature Range: -40÷105 °C
- ◆ Body Material: Anodized aluminum
- ◆ Protection: IP66
- ◆ Weight: ≈ 50 g
- ◆ Connection: Bosch LSU 4.9 connector + DTM04-4P

LAMBDA BOSCH LSU 4.9	
PIN	FUNZIONE
1	IP
2	0V
3	RISCALDATORE-
4	RISCALDATORE+
5	IPR
6	VS

DTM04-4P	
PIN	FUNZIONE
1	GND
2	CAN LOW
3	CAN HIGH
4	+12V SUPPLY

