

LCU4 – 4 Lambda to CAN Control Unit

LCU4 is able to control and read 4 x Bosch LSU 4.9 lambda sensor.

The output is on CAN bus and it is fully compatible with MoTeC M1 ECU or Dashboard protocol.

Default CAN Configuration:

- ◆ BAUDRATE: **1 Mbps**
- ◆ CAN ID:
 - Lambda 1 → 0x460
 - Lambda 2 → 0x461
 - Lambda 3 → 0x462
 - Lambda 4 → 0x463

(Compatible with MoTeC M1 protocol)



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

Technical Specification:

- | | |
|------------------------------|------------------------------|
| ◆ Power Supply: | 8÷16 Vdc |
| ◆ Max Current Absorption: | 6 A (during sensors heating) |
| ◆ Working Temperature Range: | -10÷85 °C |
| ◆ Body Material: | Anodized aluminum |
| ◆ Protection: | IP66 |
| ◆ Weight | ≈ 121 g |
| ◆ Connection: | JAE Connector |

Mating connector available on request,
PN: MX47039NF1

Standard wiring loom for Bosch LSU4.9 Lambda Sensors is available on request,
P.N. AR21-021-

01A

