

Datasheet

Carrot UEGO controller



The Carrot Uego controller is capable of measuring the level of oxygen in the exhaust gas at high speed, in combination with a Bosch LSU4.9 lambda sensor. The controller is transmitting this data to the engine management system by CAN-bus or an analogue signal. The controller provides an accurate lambda measurement even when the exhaust gas temperature is changing rapidly.

Technical Specifications

Aluminium housing
1x 6 pin sensor connector (LSU4.9)
1x 4 pin binder connector
1x 4 pin DTM male connector
Size 58mm x 43mm x 14mm (LxWxH)
Power supply voltage: 10 to 16V
Power supply current: 0.5-1A (max 2A at startup)
1x CAN communication bus
Mounting: 2x M3 bolts

- Suitable for Bosch LSU4.9 sensor
- Compact, aluminium waterproof housing
- High quality automotive connectors
- CAN-bus and analogue output

6 pin sensor connector (Bosch LSU4.9)

1	Red	Ip
2	Yellow	Vm
3	White	Heater -
4	Grey	Heater +
5	Green	Ipr
6	Black	Un

4 pin Binder connector (CAN-bus)

1	Red	I2V supply CAN
2	Black	Ground CAN
3	White	CAN High
4	Green	CAN Low

4 pin DTM male connector

1	Red	I2V supply
2	White	Analogue signal
3	Black	Ground
4	Black	Heater ground

Included in the box

Carrot UEGO controller
4 pin DTM female connector (with pins and locking)

Ordering information

Carrot UEGO controller - C-020-0001	€250,-
Bosch LSU4.9 sensor - C-030-0009	€135,-

All prices are ex. VAT

Dimensions

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