

Datasheet



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

Carrot UEGO controller

- 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 | lpr |
| 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

CARROT Powertrain Solutions

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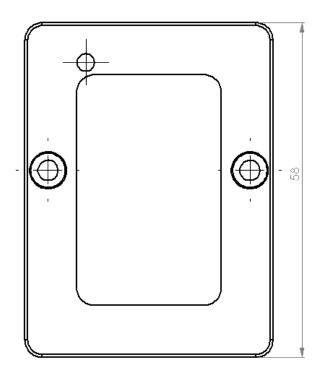
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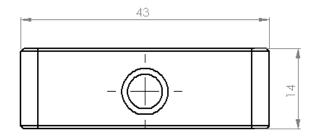
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Dimensions

Carrot UEGO controller





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