# EGR Valve Controller (Pulse to J1939 DM1)

Converts a traditional EGR lamp pulse signal into a J1939 DM1 fault message.




## OVERVIEW

This purpose-built module reads the digital pulse signal from a traditional EGR fault lamp and decodes the error. It then broadcasts the matching fault as a CAN 2.0B SAE J1939 DM1 message, which any standard J1939 ECU, display or telematics unit can pick up. The baud rate is set to match the engine.

- Pulse input to DM1 output
- 8-35 VDC supply
- Adjustable CAN baud rate
- Sealed cable gland

## SPECIFICATIONS

| | |
|---|---|
| Supply voltage | 8 to 35 VDC |
| Input | 1 × digital pulse input |
| Function | Reads the engine error code and sends the matching fault over CAN |
| CAN output | SAE J1939 DM1 message |
| Baud rate | Configurable to match the engine |
| Dimensions | 73 × 62 × 56 mm (approx.) |

## WIRING DETAILS

| Wire color | Function |
|---|---|
| Red | Power (8-36 VDC) |
| Black | Ground |
| Yellow | CAN + |
| Green | CAN - |
| Brown | Pulse input (+) |
| White | Pulse input (GND) |

## TYPICAL APPLICATIONS

Engine retrofits · Emission-system integration · Fleet telematics

## ORDERING

| | |
|---|---|
| Part number | AICDT/EGR/101 |
| Order online | https://icdigitech.com/products/egr-valve-controller.html |
| Sales & support | info@icdigitech.com |

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