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# CANverter
## I/O module



BIDIRECTIONAL CAN TO I/O CONVERSION

COMPACT & **COST EFFECTIVE**

SUPPORTS **CAN DATABASE FILES**

**IP65** RATED

The CANverter is a compact and cost effective I/O module for any high-speed physical layer classic CAN network. The device can either send a message on a CAN bus or translate CAN data to an external acquisition system. Its light-weight and compact size makes it portable and simple to install just about anywhere.

### Features

- Converts CAN bus data to analog voltages or digital signals or PWM output
- Converts analog to digital inputs to CAN data
- Easy setup via the CANverter Configuration Software (using a .dbc or .uef database, drag and drop signals onto the desired pin for quick configuration)



CANverter is a versatile I/O module featuring high-speed CAN network and RS-232 configuration ports.

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## CANverter  Specifications

| Configuration | |
| --- | --- |
| Application interface | CANverter Configuration Software |
| **Input/Output** | |
| Digital input or output | (4) customizable I/O channels, set as: <br>    0 to 5 V  10-bit analog input <br>    0 to 5 V  12-bit analog output <br>    Digital <br> (1) PWM Output |
| **Operating Conditions** | |
| Communication | Network Port:  High-speed CAN <br> Configuration Port:  RS-232 |
| Connector | 15-pin D-sub |
| Power Voltage | 7 to 18 VDC |
| Temperature Range | -40 °C to +85 °C / -40 °F to 185 °F |
| Warranty | 3 years |
| **Mechanical** | |
| Dimensions | 8.9 x 6.7 x 2.56 cm / 3.5 x 2.63 x 1.01 in |
| Enclosure | Black ABS plastic |
| Weight | 135 g / 4.77 oz |

## CANverter Order Information

| Part Number | |
| --- | --- |
| 165-0005 | CANverter Module |
| 165-0003 | CANverter Product Kit - included CANverter module and harness |
| 150-0115 | CANverter Harness |

## CANverter Kit Components

- CANverter Cable: provides standard connectors for Power, RS232 (DB 9F), CAN (DB 9M) and un-terminated wires for analog I/O channels
- CANverter Configuration Software
- Kvaser Database Editor

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sales@accuratetechnologies.com
www.accuratetechnologies.com

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