

ECM 4tcCAN Manual

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4tcCAN is a four channel thermocouple CAN input module. ECM's Configuration Software is used to set up the module (Baud Rate, Node ID, Broadcast Rate, Thermocouple Type). Each of the four channels can be individually assigned to measure a J, K (default), or T type thermocouple. The temperature information of all four channels is updated at a fixed rate of 5 Hz (every 200ms), however the module's broadcast rate of this information can be sent at a higher or lower value. 4tcCAN is supplied with four mini, female, K-type thermocouple connectors. The black connector is a Deutsch P/N: DTM06-12B. The terminal locks are P/N: WM12S. Terminals are P/N: 0462-201-2031 and are crimped using tool P/N: HDT-48-00.

Recommended module power is 12V to 24V (28V Maximum). Current draw is 25mA @ 24V. -40 to 85 °C use.

Important Notes:

- 1. The thermocouples are isolated from each other, power, and CAN.**
- 2. Use Configuration Tool Version 4.47.1 or later. Download from www.ecm-co.com**

Troubleshooting:

If the module does not connect to the Configuration Tool, power the module down, change the Comm Adapter's communication baud rate, power the module back up, and try to connect at the new baud rate. Repeat until you find the baud rate that the module is using.



145mm x 120mm x 60mm
IP67
Mini K-Type Connections

Cabling with termination, 2m extension, power, and CAN connections

