

Interface

CANALOG

Canalog is an interface which allows the conversion of CAN signals to analog voltages and/or frequency variable signals.



Other functionalities

- Many types of channels (depending on the configuration)
 - Up to 4 channels in Analog voltages mode
 - Up to 3 channels in Analog voltages mode and 1 frequency output channel (PWM 0Hz-10Hz)
- Software configuration through PC for CAN messages to be converted
- Communication through USB 2.0 connection
- Harness to OBD-2 Interface included

Software configuration

- Great flexibility of use
- List of pre-programmed configurations
- Simple recall of previous configurations
- Use of standard messaging files (*.DBC)
- Adding/Modifying a configuration :
 - CAN baudrate
 - Frame identifier and length
 - Signal position, length, and format
 - Conversion factor

Embedded software

- Management of up to 4 different analog channels and 1 frequency channels
- HighSpeed CAN interface (configurable data rates of 125Kb/s, 250Kb/s, 500Kb/s or 1 Mb/s)
- Programmable factor (e.g. 1000 rpm per volt)
- Driver for USB 2.0 interface with Windows OS Hosts

Equipment description

- 0V-10V analog outputs
- Harness for OBD2 connector
- 12-bit A/D converter
- USB interface for programming and configuration
- USB power supply in programming mode
- Power supply through the +BAT of the vehicule during operation mode via the Harness

Technical specifications

- Dimensions : 130mm x 85mm x35mm (W/L/H)
- Power supply : 5 V - 20 V
- Consumption : 50mA Nominal / 100mA Max
- Temperature : -40°C / +85°C

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