

# Electronic Systems

SMART CAN MODULE - SCM



## AT A GLANCE

- Converts analogue signals to CANbus output
- Many Applications including:
  - Fuel level
  - Oil Pressure
  - Vehicle speed
  - Coolant temperature
- J1939 CAN output
- 2 Input Channels
- Unit is supplied pre-configured
- Compact housing with integrated connector
- Fully sealed to IP67
- Excellent resistance to chemicals

The Smart CAN Module (SCM) acts as an additional node on the CANbus. Its main function is to accept signals from two analogue devices and convert them to J1939 data to be output to the CANbus. The unit can also be configured to drive two outputs direct from the CANbus, ideal for operating relays and tachometers.

**MEGALINK™**

The unit is supplied fully programmed to suit each individual application, ensuring quick and easy installation.

The SCM provides engineers with the flexibility and freedom to design electronic control systems for vehicle and industrial applications. This extremely versatile module can be combined with the CANtrak™ display, digital keypads and other Megalink™ modules to create a complete electronic control system in a wide variety of applications. Its rugged design is ideally suited to withstand extreme off-road environments.

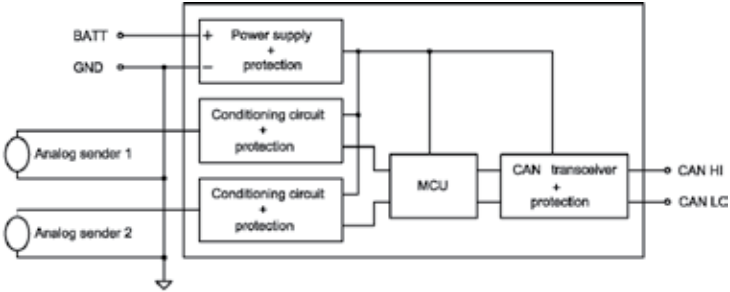
PRODUCT SPECIFICATIONS

- Operating Voltage: 9 to 16V
- Operating Temperature: -40 to 85° C.
- Water Resistance: IP67 (1 meter under water)
- Electrical Protection: Load Dump (SAE J113-11 100VDC)  
ESD: SAE J1113 ( $\pm 8kV$ ,  $\pm 15kV$  air)  
Reverse polarity
- Connector: Integrated Delphi Metri-Pak series  
Requires 12162210, 12162260, 12162261 mating parts
- Dimensions: 38mm x 72mm x 24mm (1-1/2" x 2-7/8" x 1")

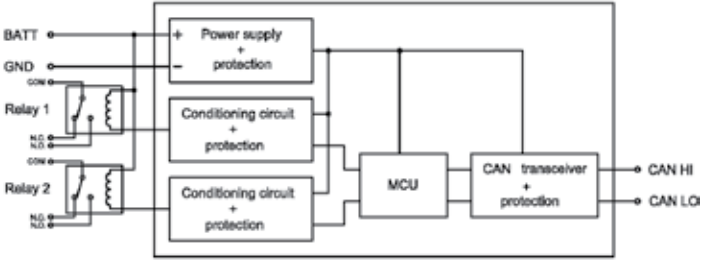
OPTIONS:

- Available in 5 standard hardware configurations
- Resistance to CAN
  - Voltage to CAN
  - Pulse signal to CAN
  - CAN to Relay
  - CAN to Tachometer

Analogue to CAN



CAN to Relay



CAN to Tachometer

