



CANmonitor

Application · All CANbus controlled engines and applications

- Features**
- CANmonitor reads out engine parameters which are sent digitally by the CANbus SAE J1939 protocol
 - The data is displayed on analogue meters, LEDs and/or optionally CAN-MD
 - Suitable for standard analogue gauges
 - Six failure LEDs
 - Engine speed adjustment by a blinking LED and optionally on CAN-MD
 - Adjustment of engine speed by switches and push-buttons
 - Ramp function for warming up and cooling down time
 - Easy programmable using flash memory card. Serial interface (RS232) and 120 Ohm terminating impedance for CANbus
 - Customised parameters can be programmed for user specific applications
 - CANmonitor and its accessories are available in a range of housings depending on customer specification
 - Three years warranty



Technical Data

Inputs

- Battery 30 and switch battery 15
- Starter 50 for excitation resistor
- Diagnostics EMR/ ECL etc.
- Charge pilot lamp
- Adaptation of engine speed
- Engine speed adjustment, increase
- Engine speed adjustment, decrease
- Preheat lamp
- Service lamp
- Display external failures
- Sensor 4 – 20mA

Outputs

- 4 outputs for analogue gauges
- Adjustment of engine speed
- 4 outputs for generator excitation D+, engine on, switch for term. 15
- All outputs are short circuit protected

Display on analogue gauges and via LEDs

- Four analogue gauges, e.g. engine oil pressure, engine oil and coolant temperature, engine speed
- Up to six LEDs to visualise failures quickly, e.g. fuel pressure or engine oil level, coolant level and temperature, engine oil pressure, charge pilot, failure code (ECU)

Additional Data

- Operating voltage 10 to 32 V
- Current consumption max. 200mA (ignition on), < 5mA (ignition off)
- Voltage peak UB 2ms, 200V
- Interference voltage UB 6Vss, 50Hz
- Reverse voltage protection
- Temperature range -40 to +105°C
- 120 x 80mm

Accessories

CAN-MonitorDisplay

The CAN-MD displays a lot of additional engine data, e.g. the consumption of fuel, actual speed and target speed, engine hours, engine load, failures in clear text and with SPN/FMI codes etc.

Besides reading and displaying the data of the engine management system the CAN-MD is also capable of sending engine speed inputs to the engine management system.