The EXXOTEST® DT-M006 model is a teaching support that allows observation and understanding of the different engine's sensors functioning.

OBJECTIVES

- Analyze the speed and position sensors functioning.
- Identification of the signals emitted by the sensors origin.
- The circuit diagram reading and comprehension.
- Utilization one of suitable tools to measure the signals

DESIGN

This module consists of:

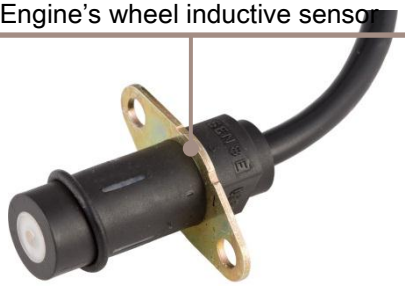
- Engine's wheel inductive sensor
- Camshaft hall effect sensor
- Crankshaft magneto-resistive sensor

Real elements:

Crankshaft magneto-resistive sensor

- **One power output for the sensors (+5v, +12v and GND)**

Engine's wheel inductive sensor



- **One break out for taking a measures**

Camshaft hall effect sensor

- **The direct measuring on the sensor for an ohm value**

ACCESSORIES

This module may be associated with the USB-MUX-4C4L that allows interfacing between PC type computer (or Pocket PC) and communication networks as CAN HS, LS/FT, Single Wire and LIN/ISO9141 through a USB or Ethernet link. Channels available:

- 4 CAN high speed channels (ISO 11898) standard or CAN low speed – fault tolerant or CAN single wire to be configured by software.
- 4 LIN master or slave channels or ISO9141 (K) to be configured by software.
- 12 analog or digital 0-32V inputs.
- 4 ISO9141 (L) or digital outputs, 6 digital/PWM outputs.

OTHER

- Delivered with:
  - use and teaching instruction book,
  - banana plug cable assemblies according to the module needs,
  - 12V and / or 5V power supply according to the module's needs,
  - AL841B – the 12V 1 A stabilised alimentation.
- Power supply: 220/110Vac – 50/60Hz.
- Size: 600 X 400 X 300 mm (transportation box).
- Gross weight : 6,5 Kg (ready to ship).
- Net weight: 5,5 Kg.

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