



- The new version of the TECHtronic device
- Input/output characteristic configurable via PC
- Conversion of MAF signals for Valvetronic systems
- D/A converter
- Allows you to convert any type of signal flowmeter with a digital output signal as pulse frequency or fill
- Connecting cable supplied

TECHNICAL SPECIFICATION:

- Supply voltage [V]: 10-16
- Temperature Range: -20 [°C] to +70 [°C]

TECHTronic 2.0 Module

TYPE: MAF Signal Conversion Module**MODEL:** TECHTronic 2.0

TECHTronic 2.0 is a device, which changes the flowmeter voltage into other range voltage (U/U) or the digital flowmeter frequency on a voltage corresponding to its frequency (F/U) according to set characteristics.

TECHTronic module should be used in vehicles that have no vacuum in the manifold, so the TECH controllers are unable to read the load signal, which does not allow for creating the map of gas injection times. It occurs only in the Valvetronic (BMW) and MultiAir (Fiat) engines. TECHTronic is compatible with both the digital and analog flowmeters. It is fully customizable via the dedicated PC software.

INSTALLATION INSTRUCTION:

The device must be assembled in an engine compartment, in a place which is protected from the high temperatures (max. 110 °C) and water. The bundle has been designed in such a way, in order to minimize an amount of solder joints near the engine. Connect the system in three places of a vehicle:

1. Near the PTS-01 - unplug the PTS-01 and plug the TECHTronic bundle between it.
2. In the diagnostic socket - connect the TECHTronic bundle with the plug.
3. In the flowmeter:
 - Analog flowmeter: Connect two wires - the ground (gray-black) and the flowmeter signal (green)
 - Digital flowmeter: Connect one wire - the flowmeter signal (green). The ground wire should be isolated