

# Engine management system trijekt bee



The engine management system  
for gasoline and gas engines  
up to 4 cylinders

## trijekt bee types

- ignition
- ignition and injection

## Technical Data

### Inputs

- rpm measurement via induction- or hall-sensor
- measurement of upper dead centre via induction- or hall-sensor
- lambda sensor \*
- throttle pot
- air-pressure sensor
- engine temperature sensor
- air temperature sensor
- digital function input
- air-mass sensor \*
- gear shift (alternative)
- exhaust gas temperature (alternative)
- vehicle speed (alternative)
- integrated air pressure sensor

### Interfaces

- serial interface RS232
- CAN-Bus

### Size

- about 110 x 80 x 35mm

### Outputs

- 4x injection valve \*
- 4x ignition output (for external drivers)
- 4x integrated ignition drivers
- fuel pump relay \*
- tachometer
- unused outputs can be used as freely programmable outputs (e.g. for boost pressure control valve or idle control)

### Data logger

- 4MB integrated Data logger \*

### Casing

- high quality waterproof aluminum casing
- 34-pole main plug

## Software & Functions

- a variety of connection of series components
- semi- and fully sequential, map controlled ignition and injection
- 4x programmable special function
- various rpm measurement possibilities
- extensive logical functions for switching outputs and error memory
- lambda control \*
- self adaptive
- air mass measurement via: \*
  - alpha/n
  - intake manifold pressure
  - air-mass sensor
- boost pressure control
- idle control \*
- launch control

\* not integrated in pure ignition system