

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 or plastic 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