

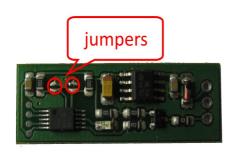
## **OIL sensor emulator**

(level, quality, temperature)

# Mercedes, BMW, VAG

#### **Purpose:**

For Mercedes, BMW and VAG group cars. Original oil quality sensor emulator, emulates valid oil temperature, level and quality. 1<sup>st</sup> generation sensors covered (PWM modulation - **not** LIN / BSD!).



#### Installation:

+, - and signal wire (open collector output), pin meanings are marked on opposite side of board. Car brand you must select by placing solder joints (jumpers). There is a LED for control purposes mounted on emulator board.

### **Jumper settings:**

- **BMW**: both jumpers open (no solder joints). LED: one short blink, continuously.
- **MERCEDES**: both jumpers shorted. LED: 3x short blinks, continuously.
- VAG: one of jumpers shorted, another one open (no matter which ones). LED blinks twice.



