

### EDAB M1V2-L

#### Electronic board for SENSORE oxygen sensors

The driver and analyze unit for oxygen sensors offered by SENSORE is to operate the sensor according to the specification and to convert the sensor signal to a linear output voltage. The oxygen sensor can be mounted in a chamber connected to the electronic board by a cable.

The driver and analyze board can be used for any type of oxygen sensor offered by SENSORE because of its general structure. Customized types of electronic boards are also available.

- Power consumption about 2.5 – 3.0 Watts
- Cable length to the sensor up to 10 meters
- PCB size: 120 \* 100 mm
- Optional software for reading and storing measuring data and adjustment of the electronic available.

#### Technical Data

- Useable for all offered sensor types
- Microprocessor controlled
- Temperature control of sensor element (no influence of the ambient medium temperature onto output signal)
- Linearized output signal for all sensor types 0 – 5 V DC (lower output voltage adjustable with the optional software)
- 4 programmable threshold values for alarm (programmable with the optional software)
- Serial interface
- Adjustment of the electronic (Calibration of the sensor, measuring of the heater resistance) with jumper
- Input voltage 7-30 VDC or 6 VDC (optional)



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