

## B+B VOC-probe

For a pleasant indoor climate

This high-power sensor shows exactly when it's time to ventilate your living space or business premises. Installed in a wall housing it measures the air quality (VOC\* fumes), humidity and temperature. The measured value is displayed by LEDs.

The sensor has 3 LEDs (green, yellow and red) with those the current VOC-content is displayed:

Green: < 800 ppm (good air quality)

Yellow: 800... 1200 ppm (okay air quality)

Red: > 1200 ppm (bad air quality)

The probe is available in a simple version which just measures VOC and in a version with a relay which measures VOC, temperature and humidity. With the relay a fan or window regulators can be controlled.

\*VOC describes gaseous and vaporous evaporation from humans, furnishing, walls etc. like hydrocarbon, alcohols, aldehyds and organic acids. like hydrocarbon, alcohols, aldehyds and organic acids.



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### Features

- Measuring the air quality, VOC equivalent to CO<sub>2</sub>
- Measuring of humidity and temperature (optional)
- Displays VOC-Concentration (traffic lights)
- 3 Outputs 0...10 V for VOC, temperature and relative humidity
- Easy retrofit of unregulated ventilation systems possible
- In wall housing

### Areas of application

- Class rooms
- Offices
- Hotel rooms
- Lecture halls
- Meeting rooms
- Living areas
- Business spaces
- Gyms
- Building automation
- Climate recording

Product range of the B+B Thermo-Technik GmbH:

Development and production of temperature and humidity probes

Temperature and humidity sensors

Temperature and humidity measuring systems

Pressure sensors and pressure transducers, modules

Motion detection

Further information at [www.bb-sensors.com](http://www.bb-sensors.com)