

Is there sufficient fresh air supply? This HVAC transmitter offers a clear, visual indication of the TVOC level via the green, yellow and red LED. The green LED indicates that the TVOC level is within range - there is sufficient fresh air supply. When the TVOC level enters the alert range, the yellow LED lights up. Red means: TVOC out of range or insufficient fresh air supply. The measured temperature, relative humidity, TVOC, dew point and ambient light level are available via Modbus RTU.

How to control fresh air supply? The output of this sensor can control an EC fan, an AC fan speed controller or a damper actuator. The output value varies proportionally in function of the measured temperature, humidity and TVOC concentration. When more fresh air is required, the sensor will increase the fan speed or open the damper.

Easy to connect! This HVAC sensor requires a supply voltage of 230 VAC - no need for an external power supply. The cage clamp terminal blocks reduce wiring and installation time. They eliminate the need for routine maintenance and guarantee a reliable contact for solid or stranded wires.

Easy to use! This sensor doesn't require any configuration. Once installed, it is ready to use. The default settings will do for most applications. If necessary, the settings can be adjusted via Modbus RTU. For example, a different output type can be selected to make it compatible with other devices: 0-10 VDC / 0-20 mA / 0-100 PWM / Modbus RTU. Also the light intensity of the LEDs for status indication is adjustable. The Modbus register map provides a complete overview of all adjustable settings.

The best quality and reliability This HVAC sensor is manufactured in Europe. Each sensor is calibrated and tested in our factory. In the unlikely event of CO2 sensor element failure, this module can be replaced. We use sensor elements and components of high quality. This ensures the long-term stability and accuracy of this HVAC transmitter.