

RH-010-GN and RHT-01-GN Temperature and Humidity Sensors

The **RH-010-GN** sensor is used to measure the relative humidity of the air from 0 to 100% in the livestock buildings. It can also interoperate with other devices that have 0..10V (0..5) input

The **RHT-01-GN** sensor is suitable for temperature measurement from -25 to +65°C and relative humidity from 0 to 100%, communication of the sensor is maintained via RS-485 bus on MODBUS-RTU or JOTAFAN AdRIS protocol (to interoperation with JOTAFAN controllers)

Sensors have a hermetic connector that makes the disassembly easy and fast, e.g. during cleaning and disinfection of the poultry house

The measurement of the relative humidity is made by a modern, factory calibrated digital sensor of humidity and microcontroller that is used to control sensor's work, perform calculations and to communicate with external devices.



CO2-10k-010 and CO2-10k Carbon Dioxide Sensors

The **CO2-10k-010** and **CO2-10k** sensors are used to measure the carbon dioxide concentration (Co2) in the air with atmospheric pressure from approx. **400 ppm to 10 000 ppm (1%)**. They are used to work inside buildings especially in **poultry houses, pig houses and mushroom growing facilities**.

The sensors are equipped with a hermetic connector that makes their disconnection easier, when not used. They guarantee high measurement accuracy.

These sensors provide information about carbon dioxide concentration as an analogue signal 0..10V (CO2-10k-010) or digital signal via RS-485 bus on MODBUS-RTU or JOTAFAN AdRIS protocol (to interoperation with JOTAFAN controllers).

The **CO2-10k-010** and **CO2-10k** sensors can interoperate with other devices that have 0..10V (0..5) input.

They are placed in a plastic enclosure. A special membrane that makes gas flow inside the sensors possible protects their interior against humidity penetration.

The JOTAFAN company has a measuring workstation for calibration and testing CO2 sensors. We offer periodical tests of sensors readings, also produced by other companies.

Our company offers the **RHT-CO2-10k** sensor that combines 'three-in-one': temperature, humidity and carbon dioxide measurement.

