

# 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.



Scan the QR code  
and find out more

# 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 (CO<sub>2</sub>) 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 CO<sub>2</sub> 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.

