

## MODBUS SENSORS

### Room temperature sensors with hygostat GS 30.00 mod



#### Overview

- Sensors for temperature, humidity and atmospheric pressure measurement
- Temperature sensor (Measuring range 0°...+50°C)
- Humidity sensor (Measuring range 0...100% rel. humidity)
- Modbus-Modes (ASCII / RTU) configurable
- Easy installation and mounting
- Modern and planar design

#### NEW:

- 2 control outputs (0-10 V) for measured values of rel. humidity and temperature

#### Order numbers

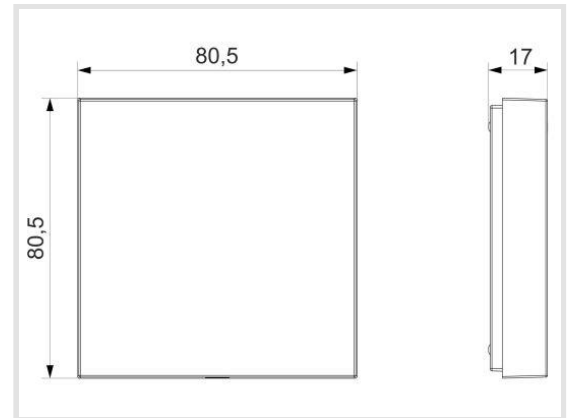
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GS 30.00 mod	Room temperature sensor with hygostat

## MODBUS SENSORS

### Room temperature sensors with hygrostat GS 30.00 mod

#### Technical data

Supply voltage	12-40 V DC
Bus current	<20 mA
Bus system	Modbus ASCII, Modbus RTU via RS 485
Baud rates	4800, 9600, 19200 (Default), 38400
Parity settings available	None, even, odd
Sensors	Temperature Relative humidity Atmospheric pressure Dew point
Measuring range temperature	0°...+50° C
Measuring range relative humidity	0...100%
Measuring range atmospheric pressure	300-1.100 hPa
Outputs	2x analogue outputs ( 0-10V )
Analogue measurement output	Temperature: 0-50°C Relative humidity: 0-100%
Permitted ambient temperature	0°...+50° C
Housing	self-extinguishing thermoplastic
Housing color	studio white (similar to RAL 9016) Specific colors on request
Mounting	Wall mounting (preferably combined with hollow-wall box)
Type of connection	PCB push-in terminal block
Type of protection	IP 20 (DIN EN 60529)
Class of protection	III when installed according to regulations



#### Functions and data provided to Modbus:

Relative humidity	Value output
Temperature	Value output
Dewpoint	Value output
Air pressure	Value output
and much more...	

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