

MODBUS SENSORS

Room temperature sensor with hygrostat GS 30.40 mod / GS 31.40 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
- 2 Control outputs (0-10 V)
- 2 Control outputs (FET)
- 1 input for external temperature sensor
- Easy installation and mounting
- Modern and planar design

Order numbers

■ müller

GS 30.40 mod

Room temperature sensor with hygrostat

GS 31.40 mod

Room temperature sensor with hygrostat with manual set-point temperature adjustment

Accessories



Back part for surface wiring
200.004



TF06 Temperature sensor

MODBUS SENSORS

Room temperature sensor with hygrostat GS 30.40 mod / GS 31.40 mod

Order information

	EAN	Art. No.
GS 30.40 mod	4022709246585	24658
GS 31.40 mod	4022709246592	24659

Technical data

Supply voltage	20-28 V DC 50-60 Hz
Power consumption	<30 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
Outputs 2x 0-10 V	max. 2mA
Outputs 2x FET	Inrush current: max 1.2A Permanent current: max. 350mA
Inputs	External temperature sensor (can alternatively be used as a contact input)
Measuring range temperature	0...+50° C
Measuring range relative humidity	0...100%
Measuring range atmospheric pressure	300-1.100 hPa
Permitted ambient temperature	0...+50° C
Housing	self-extinguishing thermoplastic
Dimensions	80,5 x 80,5 x 17 mm
Housing color	studio white (similar to RAL 9016) Specific colors on request
Mounting	Wall mounting (preferably combined with flush-mounting box)
Type of connection	Screw terminals
Type of protection	IP 20 (DIN EN 60529)
Class of protection	III when installed according to regulations

Functions and data provided to Modbus:

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

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