

# HUMIDITY CONTROLLERS

Room temperature controller and hygrostat GS 10.00 knx



## Overview

- Room temperature control
- Temperature sensor (Measuring range -20...+55 °C)
- Humidity sensor (Measuring range 0...100 % rel. humidity)
- Humidity comparator function
- Atmospheric pressure sensor
- Clearly structured ETS
- Easy handling and mounting
- Various mounting capabilities [55 mm mini]
- Compact housing

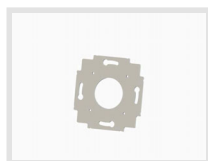
## Order numbers

■ müller

GS 10.00 knx

Room temperature controller and hygrostat

## Accessories



Mounting plate for wall box 200.001



Mounting angle 200.002

# HUMIDITY CONTROLLERS

## Room temperature controller and hygrostat GS 10.00 knx

### Order information

	EAN	Art. No.
GS 10.00 knx	4022709240873	24087
GS 10.00 knx RAL9005 jet black	4022709241719	24171

### Technical data

Supply voltage	via KNX bus voltage
Bus current	< 10 mA
Bus system	KNX
Sensors	temperature relative humidity atmospheric pressure dew point VAV ventilation control
Measuring range temperature	-20...+55 °C
Measuring range relative humidity	0...100 %
Measuring range atmospheric pressure	300...1.100 hPa
Application software	ETS5 or higher
Permitted ambient temperature	-20...+55 °C
Housing	self-extinguishing thermoplastic
Dimensions	55 x 55 x 12 mm
Housing color	pure white (similar to RAL 9010) or jet black (similar to RAL 9005) specific colors on request
Mounting	wall mounting in frame (55x55mm) with mounting plate wall mounting with mounting angle
Type of connection	push-in connector
Type of protection	according to DIN EN 60529: IP X1 IP X4 when mounted with mounting angle
Class of protection	III when installed according to regulations
Type of connection external inputs	wire diameter max. 6 x 0,5 mm <sup>2</sup> strip length 7 mm

### Functions and data provided to KNX bus:

Relative humidity	Value output Control (step and PI control) Comparator
Temperature	Value output Control heating (2-point- and PI control) Control cooling (2-point- and PI control) Alarms
Dewpoint	Value output Alarms
Air pressure	Value output
VAV control	Value output (0...100 %)
and much more...	

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