

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
- 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

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Order information

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

Technical data

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|--------------------------------------|--------------------------------------------------------------------------------------------------------|
| 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 | studio white (similar to RAL 9016) 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 ² 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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