



75441322



IP20

## KNX CO<sup>2</sup> sensor with humidity and temperature regulation with integral bus coupling unit

### Technical features

#### Architecture

Fixing mode flush-mounting

#### Functions

Operating mode Operating modes: comfort, standby, night lowering, frost/heat protected

- Binary input functions: switching, dimming, blind, value transmitter, light scene extension unit
- Binary inputs can be blocked in operation

#### Controls and indicators

- with programming button and red programming LED

#### Connectivity

- with 2 independent binary inputs for potential-free contacts

#### Voltage

Operating voltage over bus 21...32 V DC

#### Electric current

Bus current consumption (data transfer) 12,5 mA

#### Measurement

Relative humidity 95 %

CO<sub>2</sub> measuring range 0 / 0,2 %

#### Detection

- up to 4 CO<sub>2</sub> limit values can be set
- compares measured temperature with the set temperature
- up to 2 humid limit values can be set

#### Materials

RAL colour RAL 1013 - Oyster white

Material Plastic/metal

Surface appearance velvety

Type of surface treatment Painted

#### Dimensions

Installation height 1,5 m

#### Installation, mounting

Installation mode without spreader claws

#### Connection

- Connection bar with screw terminals for binary inputs
- bus connection via connecting terminal

### Cable

Binary cable length 5 m

### Settings

Supported configuration modes system

### Equipment

Product type: product type: thermostat

- heating or cooling possible in 2 stages
- for heating or cooling mode
- for single room control

### Use

Differentiation characteristic 3 - Sales with integral bus coupling unit

### Safety

Halogen free no

- with dismantling protection

### Use conditions

Operating temperature -5...45 °C

Energy efficiency class IV (2%)

- An alarm is signalled when the dewpoint is reached in order to prevent the formation of mould e.g. on cooling ceilings or in winter gardens

### temperatur

Temperature measuring range, linear -5...45 °C

### Identification

Application, usage KNX - sensors

Product family Product family: heating, ventilation, air conditioning

Secondary design line(s) KNX, Berker Q.1, Berker Q.3, Berker Q.7, Berker Q.9

### Instructions

Information text Recommendation: use deep box.