



75441326



IP20

**KNX CO<sup>2</sup> sensor with humidity and temperature regulation with integral bus coupling unit, KNX - Berker Q.1/Q.3**

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 7021 - Black grey

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

Main design line KNX - Berker Q.1/Q.3

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

### Instructions

Information text Recommendation: use deep box.