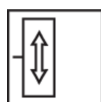


75441171



## Thermostat with push-button interface, K.5, aluminium

### Technical characteristics

#### Architecture

Fixing mode flush-mounting

#### Functions

Operating mode operating modes: comfort, standby, night lowering, frost/heat protection, dewpoint displayed with LED

#### Controls and indicators

Button / push-button presence button and setting knob can be programmed to have no functions, with programming button and red programming LED, with presence button for switching between comfort and standby mode

#### Connectivity

Binary inputs with 4 independent binary inputs for potential-free contacts e.g. window magnetic contact, 4 binary inputs or 2-3 binary inputs and 1-2 outputs parameterisable

#### Voltage

Operating voltage over bus 21...32 V DC

#### Electric current

Bus current consumption (data transfer) ≈ 10 mA

Output current per channel max. 0.8 mA

#### Materials

RAL colour RAL 9006 - White aluminium

Material / workmanship lacquered

Material Plastic/metal

Surface appearance matt

Type of surface treatment Painted

#### LED control

LED with status LEDs: red for heating, blue for cooling and yellow for activation

#### Installation, mounting

Installation mode without spreader claws

#### Connection

Sensor cable length 50 m

Conductor cross-section (flexible) 0.3...1 mm<sup>2</sup>

Conductor cross-section (rigid) 1.5 mm<sup>2</sup>

Type of connection	Binary inputs / outputs with screw terminals
Bus connection	bus connection via connecting terminal
<b>Cable</b>	
Cable length, inputs/outputs	max. 5 m
<b>Settings</b>	
Supported configuration modes	system
Parameterisation	valve protection can be defined, conduct can be defined for bus voltage return
<b>Equipment</b>	
Product type:	product type: thermostat
Set value control by setting knob	± 0...5 K
Heating	for heating and/or cooling mode, heating or cooling possible in 2 stages
Control	for continuous (PI) or switched (2-point) control, for individual single room temperature control
<b>Use</b>	
Differentiation characteristic 2 - Sales	with setting knob
Differentiation characteristic 3 - Sales	with integral bus coupling unit
<b>Safety</b>	
Protection	with dismantling protection
<b>Use conditions</b>	
Operating temperature	-5...45 °C
Energy efficiency class	IV (2%)
<b>Identification</b>	
Application, usage	KNX - sensors
Product family	Product family: heating, ventilation, air conditioning
Main design line	KNX - Berker K.1/K.5
Secondary design line(s)	KNX, Berker K.5
<b>Instructions</b>	
Special note text	Binary input 4 parameter defineable for temperature sensor, order no. 161.