



75441273

IP20



## KNX object thermostat, intg bus coupl. unit, KNX-K.5, steel, metal matt finish

### Technical characteristics

#### Functions

Operating mode	operating modes: comfort, standby, night lowering, frost/heat protected, dewpoint
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#### Controls and indicators

Button / push-button	with programming button and red programming LED
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#### 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
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#### Voltage

Operating voltage over bus	21...32 V DC
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#### Electric current

Bus current consumption (data transfer)	max. 7.5 mA
Output current per channel	max. 0.8 mA

#### Materials

Colour of design line	Stainless steel
Material / workmanship	metal, matt finish
Surface appearance	matt
Type of surface treatment	untreated

#### Installation, mounting

Installation mode	without spreader claws
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#### 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

#### Cable

Cable length, inputs/outputs	max. 5 m
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#### Settings

Supported configuration modes	system
Parameterisation	conduct can be defined for bus voltage return ; valve protection can be defined

**Equipment**

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Product type: product type: thermostat

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Heating for heating and/or cooling mode ; heating or cooling possible in 2 stages

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Control for continuous (PI) or switched (2-point) control ; for single room control

**Use**

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Differentiation characteristic 3 - Sales with integral bus coupling unit

**Safety**

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REACH conform Yes

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RoHS conform Yes

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Protection with dismantling protection

**Use conditions**

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Operating temperature -5...45 °C

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Energy efficiency class IV (2%)

**Identification**

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Application, usage KNX - sensors

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Product family Product family: heating, ventilation, air conditioning

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Main design line KNX - Berker K.1/K.5

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Secondary design line(s) KNX ; Berker K.1 ; Berker K.5

**Instructions**

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Special note text Binary input 4 parameter defineable for temperature sensor, order no. 161.