

Thermostat with Built-in Temperature Sensor



BOW-TEMTHE

- Thermostat with built-in sensor
- Temperature range: 10°C to +35°C (50° to +95°F)
- Uses 3 channels
- Heat on LED
- Supplied by smart-house
- Night set back: 4°C



GENERAL SPECIFICATIONS

Channel coding	By BGP-COD-BAT and special cable: GAP-TPH-CAB
No. of channels	3
Enclosure	LKNES OPUS Mechanics
Environment	
Degree of protection	IP 20
Pollution degree	3 (IEC 60664)
Operating temperature	0 - 50 °C (32 - 122°F)
Storage temperature	-20 - 70°C (-4 - 158°F)

Humidity (non condensing)	20 - 80%
Weight	50 g
Dimensions	66 x 66 x 33 mm (including frame)
Max. wire in terminals	Max. 4 x 0.75 mm ²

SENSOR SPECIFICATIONS

Sensor	KTY 1000 (built-in)
Temperature measuring range	10 to +35°C (50 to +95°F)
Temperature probe	KTY 81 (built-in)
Accuracy	± 1°C at 22.5°C
Hysteresis	± 0.25°C

Night set back	4°C
Time constant	Typ. 450 s (air flow = 0 m/s) Typ. 350 s (air flow = 1 m/s)

SUPPLY SPECIFICATIONS

Power supply	Supplied by smart-house
Consumption	
LED off	< 1.3 mA
LED on	< 2.3 mA

TYPE SELECTION

Supply	Ordering no.
smart-house supplied	BOW-TEMTHE

MODE OF OPERATION

If the temperature gets below the setting on the front plate scale, the thermostat starts transmitting on I/O 1. When the temperature gets above the setting, the transmission stops.

If the night set back channel on I/O 5 is activated, the thermostat automatically lowers the temperature 4°C. The LED is placed on I/O 6 and indicates "Heat ON"

ACCESSORIES

Programming cable to BGP-COD-BAT	GAP-TPH-CAB
Opus wall mounting box	87-012

DIMENSIONS (mm)

