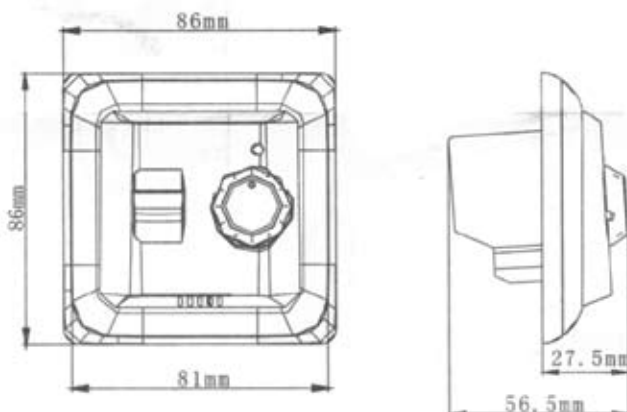


This type of electronic thermostat for mounting and standard wall box, the thermostat is adjustable to the required temperature the from +5/+40°C, the LED shows that the heat is on, the thermostat is recommended for control of electric heating devices or on/off valve actuator used in water-based heating systems.

Technical Data:

Voltage: AC230V (AC110V/ AC24V available)
 Power Consumption: 5W
 Setting range: 5°C ~ 40°C
 Switch Differential: $\pm 0.5K$
 Ambient Temperature: -5°C ~ 50°C
 Protective Housing: IP20
 Housing material: Anti-flammable PC
 Floor Sensor: Rubber-thermostatic NTC sensor, cable run is 3m

Dimensions:



Mounting the Floor Sensor:

The end of the probe should be positioned midway between two heating cables.

Temperature and Value of Floor Sensor:

5°C = 22070Ω
 10°C = 17960Ω
 20°C = 12091Ω
 30°C = 8312Ω
 40°C = 5827Ω

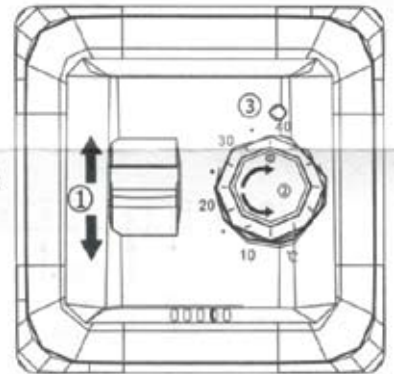
Placement of the Thermostat:

The thermostat is to be mounted on the wall with free air circulation around it. Furthermore it has to be placed where it is not influenced by any other heating sources

(e.g. the sun), draft from doors or windows, or by the temperature of an exterior wall.

Operation Manual:

- ① On/Off: I-On, O-Off
- ② Temperature setting: 5°C ~ 40°C
- ③ Indicator: the light is red when heat is on



Temperature Setting:

Thermostat has a scale range of +5/+40°C. To assist the adjustment, the thermostat has a LED which will glow red when the heat is on. The thermostat should be set to maximum temperature setting until the desired temperature of the room or floor is achieved. The control knob should then be turned back until the LED goes out. Fine adjustments can be made over the next one to two days to suit individual requirements.

Thermostat Adjustments:

When the room temperature has been stabilised, the thermostat set position may be adjusted to match actual room temperature. Measure the temperature of the room with an accurate thermometer. Remove the control knob (1) and spin the pole (D), then reposition the control knob so that the indicated temperature line shows the same as the measured temperature (picture 2). We have adjusted the temperature, please do not spin the pole when installing.

Max/Min Temperature Settings:

A locking mechanism is positioned behind the control knob to limit the amount of adjustment possible. By loosening the little screw (C) (picture 2) the scale range can be locked, e.g. between 20°C and 25°C. The red ring indicates the maximum temperature and the green ring indicates the minimum temperature.

Mounting Steps

