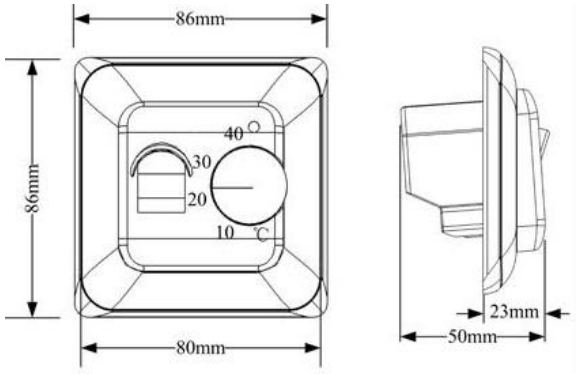
Electronic thermostat Praktik 5 features:

For automatic regulation of heating cables and other systems
During heating the red LED light is on.
The thermostat complies with the requirements for safety, energy saving and comfort.

Technical parameters:

Approval: CE
Max. load / Voltage: 16 A / 230V AC
Max. load: 10 A for self-regulating cables
Sensor selection: floor and room sensors, just room sensor
Energy consumption: 5 VA
Setting range °C: 5 °C ~ 40 °C in the room
Floor sensor: the cable length 3 m limits °C
°C Limitation of the floor: 55 °C max. factory setting
Temperature accuracy: ± 0.5 °C
Ambient temperature: -5 ~ 50 °C
Degree of protection with enclosure: IP20

Dimensions:



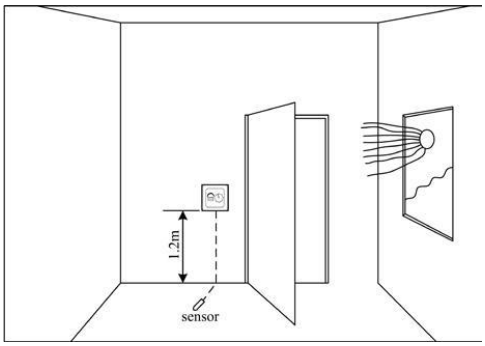
Floor sensor - temperature / resistance and assembly:

(°C)	(Ω)
5	22,070
10	17,960
20	12,091
30	8,312
40	5,827

Please, insert the floor sensor into the prepared gooseneck. If you shorten the sensor, fit the sensor ends with an **end cap / conduit** so that it will hold well in the thermostat terminals. The sensor cable can be extended up to 50 m with other cables, if necessary. If multi-core cable is used as a cable for extension, the extra cable core should not be used for connection - for example for heating cable connection. You will avoid interruption (interference) of the voltage signal for the heating thermostat. If you extend the sensor by shielded cable, then the shielded cable should not be connected with grounding, but with the terminal 7. Based on recommendation, the extended cable and cover should not be shared with other cables.

Location of the thermostat and sensor:

Caution: Always place the thermostat on the inner wall of the building (not the outer one) and in such a place where there is no draught and it will not be exposed to direct sunlight or other heat source or cold.



Temperature setting:

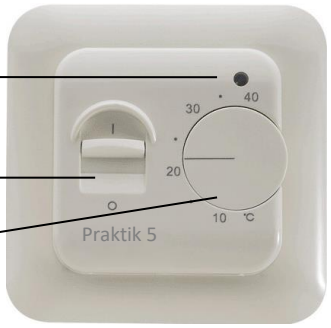
Factory setting of the temperature is +5/+40 °C. The LED light is on, if the heating is working. When used for the first time, set the thermostat to the highest temperature so that you will check if the heating is working. Then set the required temperature. When the temperature of the room or the floor reaches the required temperature, turn the knob to the position where the LED light turns off. After one or two days it should be easy for the user to set the thermostat according to the need.

Instructions for manipulation:

Heating indicator:
LED on during heating

"I" to turn on and "0" to turn off

Temperature setting:
Regulation knob
5 ~ 40 °C



Temperature calibration:

When the inner temperature reaches stable value, the user can calibrate the thermostat so that the same temperature will be on the thermostat as the actual temperature is in the room.

Procedure in calibration:

1) Measure the temperature by a thermometer;
2) Disassemble the regulation knob (see the fig. below);
3) Turn the setting lever of the temperature D (see the fig. below), until the LED light turns off;
4) Mount the regulation knob in such a manner that it will correspond with the position of the actual temperature in the room.

Caution: Please, do not turn the regulation knob if the calibration was set by the factory!

Range limitation of the regulation knob:

The blocking mechanism under the regulation knob can be used for the range limitation of the temperature setting. The user can lock the setting range (e.g. 20-25 °C). Release the screw C (see the fig. below). The upper setting ring limits

the maximum temperature and the lower one limits the minimum temperature. Tighten the screw.

Figure 1: Temperature calibration and range limitation of the regulation knob:

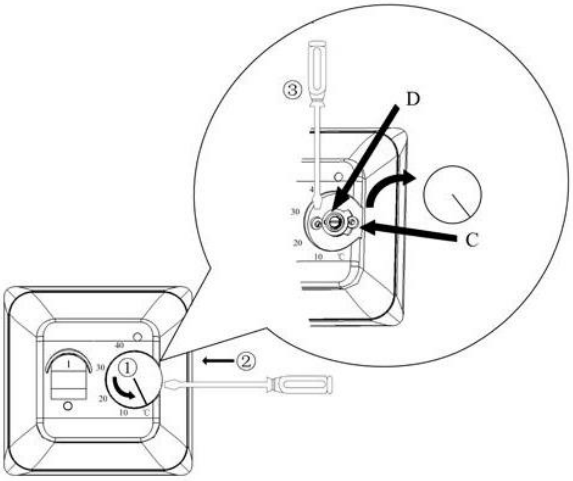


Figure 2: Wiring diagram:

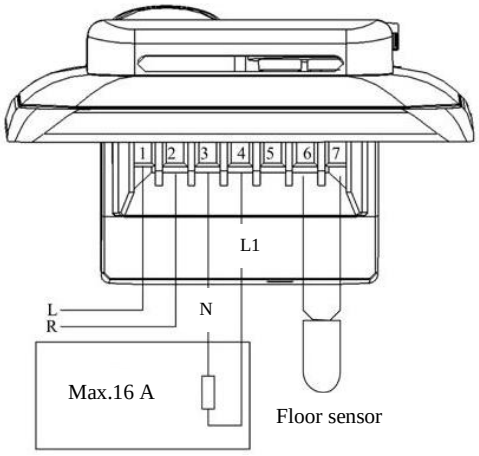


Figure 3: The thermostat base fixing in common junction box

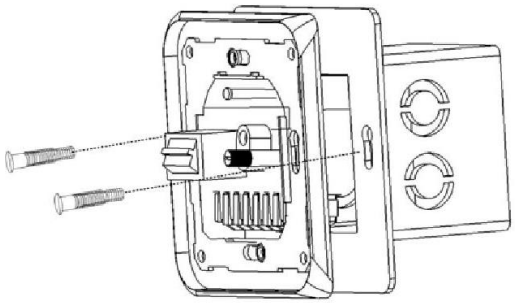
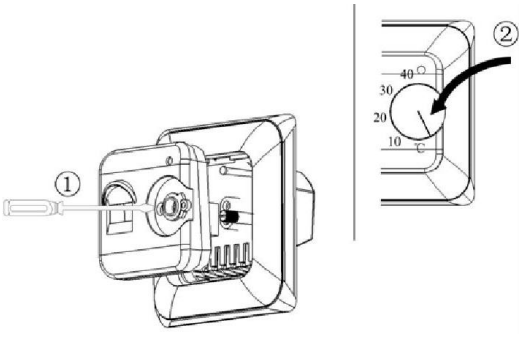
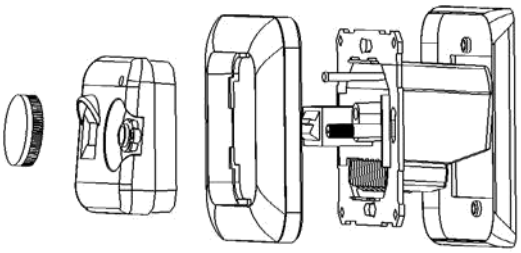


Figure 4: The thermostat panel fixing



Names of the thermostat parts



Knob / Panel / Inner frame / Base / Outer frame

Declaration of conformity

Issued in accordance with § 13 art. 1 of Act No. 264/99 Coll. and Government Regulation No. 194/2005 Coll. as amended by Government Regulation No. 318/2007 Coll. and No. 308/2004 Coll. as amended by Government Regulation No. 449/2007 Coll. The name: electronic thermostat Praktik 5 for temperature regulation. Conformity assessment has been performed in accordance with: Government Regulation No. 194/2005 Coll. as amended by Government Regulation No. 318/2007 Coll. on electromagnetic compatibility of devices and Government Regulation No. 308/2004 Coll. as amended by Government Regulation No. 449/2007 Coll. on electric equipment. In conformity assessment regarding the product, there have been the following EU directives used as well as standards followed: EN 60730-1:2011,EN 60730-2-9:2010, EN 61000-3-2:2006+A2:2009, EN 61000-3-3:2008, THE LOW VOLTAGE DIRECTIVE 2006/95/EC, Annex 4, the EMC Directive 2004/108/EC, Annex II.

2 year warranty - Thermostat Praktik 5

The warranty is valid only with correctly delivered documents:
1. When the Warranty coupon, see below, is filled in correctly;
2. Document on purchase: invoice or purchase receipt;
3. Supplier's duty will be to repair or deliver a new unit free of charge to the customer without any other extra costs related to the repair or unit exchange.

The warranty is null and void, if the installation was not performed by professionally competent person or error was caused by incorrect design, damage, incorrect installation or any other later damage. If we are asked to repair or replace such a unit, all the costs will be charged.

Warranty coupon

Date of sale and stamp:	Installation date:
Electrician / Distributor:	Name and surname:
Signature	Stamp

Technical consulting:
technik@TeplaPodlaha.com , www.TeplaPodlaha.com