

PAMEL

4 42-300 Myszkow ul. Lesna 17 POLAND

TEMPERATURE CONTROLLER

PRT-1



PLEASE READ THE INSTRUCTIONS
A RECENTPOINTS AT LEAST
DO YOU KNOW? CALL! does not bite
791-607-644 (OFFICE 9-15 hours, weekdays)
609-703-931 (SUPPORT 15-23 hours, the whole week)
www.pamel.pl pamel@pamel.pl

TEMPERATURE CONTROLLER

PURPOSE

PRT1 is used to control temperature control. Depending on the maximum power of 3.5 kW is regulated or 5kW (PRT1 +). It comes with an external probe with cable length of 1.8 m and is built inside the device.

ADVANTAGES OF

It is simple to install and use, ensures optimum heating power control (mode 0) or cooling (mode 1).

OPERATION

Using the "+" or "-" you can adjust the temperature. To increase the setting, press the "+" to reduce "-" The current temperature setting is displayed on the LED display. Ex. "40" is 40 degrees. Every few seconds, the display shows the time of two seconds the currently measured temperature. Display set is several times longer than the display reading. If the system activates the output voltage that appears on the dot. When there is no voltage output dot disappears. In case of power failure, the system remembers the set temperature. **NOTE! So much information is sufficient for the proper use of the device. Please order not to go into advanced settings. At this point, you can stop reading instruction.**

The device comes pre-calibrated. If your thermometer shows a different temperature than the thermostat np.19 degrees and not 20, it does not mean that there is such a temperature throughout the room. The difference in temperature mainly depends on the height and location of the sensor assembly, for example. There is another room temperature closer to the radiator, the floor, the ceiling or at the window.

SETTING

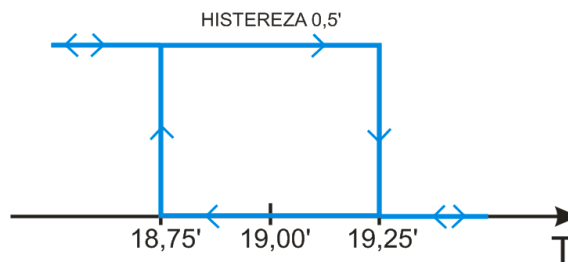
NOTE!

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If the device is operating normally should not carry out calibration. Performed incorrectly can cause incorrect temperature indication.

To set the switching hysteresis before turning into an AC outlet, press both buttons. When inserted into the socket on the display shows "88". With the +, - hysteresis can be adjusted with an accuracy of 0.5 degrees. The hysteresis value is displayed without a comma, ie 1.5 degrees is displayed as "15".

After setting the hysteresis device can be removed from the socket. Settings will be saved.



In order to set the temperature calibration can be done as for setting the hysteresis. After setting the hysteresis do not remove the unit from the wall outlet, do not touch the buttons. After a few seconds, the display returns to "88" With the help of two buttons to adjust the value of which is to be a minor temperature reading "A". The setting range is from -5 to 5.

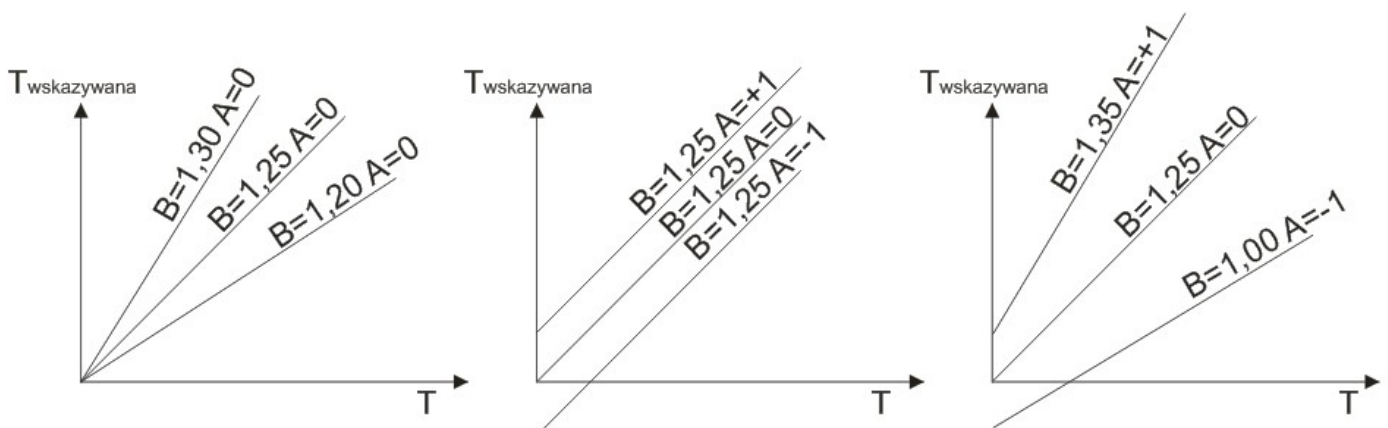
NOTE! The device does not display "-". Accepted values of -5, -4, -3, -2, -1, 0, 1, 2, 3, 4, 5

If the device indicates eg. 20 degrees, according to your point 19 should be set 1.

After a few seconds the display will show "88". With the +, - can adjust the parameter "B" to the nearest 0.05. The value of "B" is displayed without the comma and the number one ie 1.45 level is displayed as "45".

After setting the device can be removed from the socket. Settings will be saved.

In order to set the operating mode (heating / cooling) can proceed as for the calibration setting. The last setting mode. Use the "+" mode is set to 0 (the display "0") by pressing the "-" to select the mode 1 (display "1")



**Below is a guide to the advanced settings for the calibration of the device.
Do not use without reading the entire manual.
Use only in exceptional situations!**

SYMPTOM	ACTION
Thermostat lowers the temperature indicated by a constant value, eg. 2 levels	Set the value of the correction A eg. From "0" to "-2"
Overstates the thermostat temperature indicated by a constant value, eg. 2 levels	Set the value of the correction A eg. From "0" to "2"
Thermostat lowers the temperature indicated eg. 10 percent	Increase the value of the correction B eg. About "0.05", eg. The "1.40" to "1.45"
Overstates the indicated temperature thermostat eg. 10 percent	Reduce the correction B eg. About "0.05", eg. The "1.40" to "1.35"
Combination of the above	Combination of the above

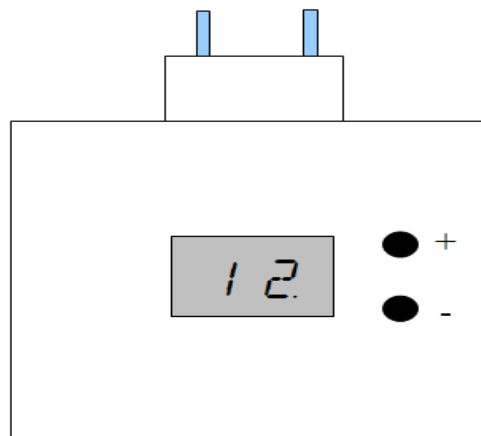
The temperature indicated assumes a value of $A + B * T$ and depends on the set adjustments.

The default values.

Setup	Value	LED
Hysteresis	0,5	05
A	0	00
B	1,25	25
Function	0 (heat)	0

SPECIFICATIONS

Voltage:	230V +10% -20%, 50Hz
Operating temperature:	-10 to +60 ° C
Load capacity:	3,5kW (5.5 kW PRT1 +)
Maximum Power Consumption:	0.2 W
Dimensions:	Length-80mm, width-60mm, height-60mm
Housing:	self-extinguishing
Degree of protection:	IP20
Warranty:	60 months from date of sale
Compliance with standards:	EN 60529
The product does not contain lead (Pb-Free)	



Dear User,

At the outset, we would like to thank you for choosing a product from PAMEL. We are sure that you will be pleased with this choice. We design our equipment to meet your requirements and ensure future smooth operation.

Before using the equipment should be thoroughly familiar with installation procedures and operating conditions described in the Instruction Manual.

If in doubt, please contact us.

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DISCLAIMER OF WARRANTIES.

1 PAMEL warranties in the Polish Republic for a period of 30 months from the date of sale (or 12 months beyond Polish), but not longer than 60 months from the date on the Product , which is issued warranty card provided to use the equipment in accordance with specifications and technical-operational terms described in the User's Manual.

2.Gwarancja are not covered by mobile equipment product (accessories) to be assembled by the user , eg, antennas , sensors, brackets , cables , batteries, power .

3 Guarantor agrees to free removal of physical defects , if such defects become apparent during the warranty period or until the item is delivered free of defects , if within guarantees have been made at least 4 repairs subject and the object of sale is still defective.

In case of replacement, the product will be replaced with a new model of the same or of similar , not worse technical parameters. If such an exchange is not possible , the Buyer will receive a refund of payment.

3 The warranty period provided for in point 1 shall be extended by the duration of the repair.

4 The duration of the repair period is counted from the date of delivery subject to a service the date of issue subject to the carrier delivers it to the Buyer .

5 In the event of a defect the Buyer shall notify the Guarantor , via email

website (pamel@pamel.biz) the Guarantor or phone will first try to resolve the problem remotely and points the way forward the complaint procedure .

6 At the request of the Guarantor buyer is obliged to reliably fill the Complaint Report Protocol provided by the Guarantor .

7 The guarantor is liable only for defects resulting from causes inherent to sell .

8 Warranty does not cover damage caused by improper or

improper installation and assembly for use in particular , storage , maintenance, incompatible with the intended use, improper use of consumables,

willfully making repairs or improvements, mechanical damage due to the fault

user from external causes such as pollution , flooding, condensation , atmospheric phenomena , random events . They are not covered by the warranty also damage electronic components resulting from the cross-rating .

9 Warranty does not cover claims arising from technical parameters , if they are as given by the manufacturer.

10 The condition for preservation by the Buyer of warranty is to provide

device to a service referred to in paragraph 5 , are complete , the

packaging reduces the risk of damage , documentation , cables and all other elements issued in connection with the contract of sale, no broken seals or stickers along with the warranty card .

11 warranty does not cover materials and activities in the normal operational service , such as installing hardware , programming, cleaning and maintenance , replacement of light bulbs and fuses , check the operation . Services mentioned above are paid.

In the case of an unjustified complaint (complaint efficient equipment or when the damage was the fault of the customer) who submitted the complaint will be charged expertise and transport.

12 Point Service in addition to situations referred to in paragraph 7-11 may refuse to warranty repairs and in case of:

- Declaration that the data contained in the sales documentation of data device

