



Pipe surface thermostat
IB – Therm 01

PRODUCT IS **CE**

MARKED AND HAS BEEN PRODUCED IN ACCORDANCE WITH ISO 9001 STANDARD

„INSBUD”
ul. Niepodległości 16a
32-300 Olkusz
Poland

sales department: +48 (32) 626 18 00
sales department: +48 (32) 626 18 18
technical department: +48 (32) 626 18 07
technical department: +48 (32) 626 18 08
fax: +48 (32) 626 18 19
e-mail: insbud@insbud.net



WWW.INSBUD.NET

InsBud company supports policy of development. The right to making changes and improvements in products and manuals without prior notice reserved!

The contents of this manual - the text and graphics are owned by InsBud company or its subcontractors. It is legally protected.

Contents

IB-THERM 01

Basic information _____	4
Operating principle _____	4
Structure _____	4
Technical data _____	5
Scope of delivery _____	5
Warranty _____	5

BASIC INFORMATION

Thermostat **IB-Therm 01** is designed to control work of valves, air dampers, pumps and other heating devices.

Thermostat is designed for mounting directly on pipes. Measuring element is the rear part of thermostat covered with a special paste conducting heat, which is in the set. The set has also a spring to fasten the thermostat to the pipe.

Thermostat is mechanical device, having switching contact - it doesn't require power supply to work.

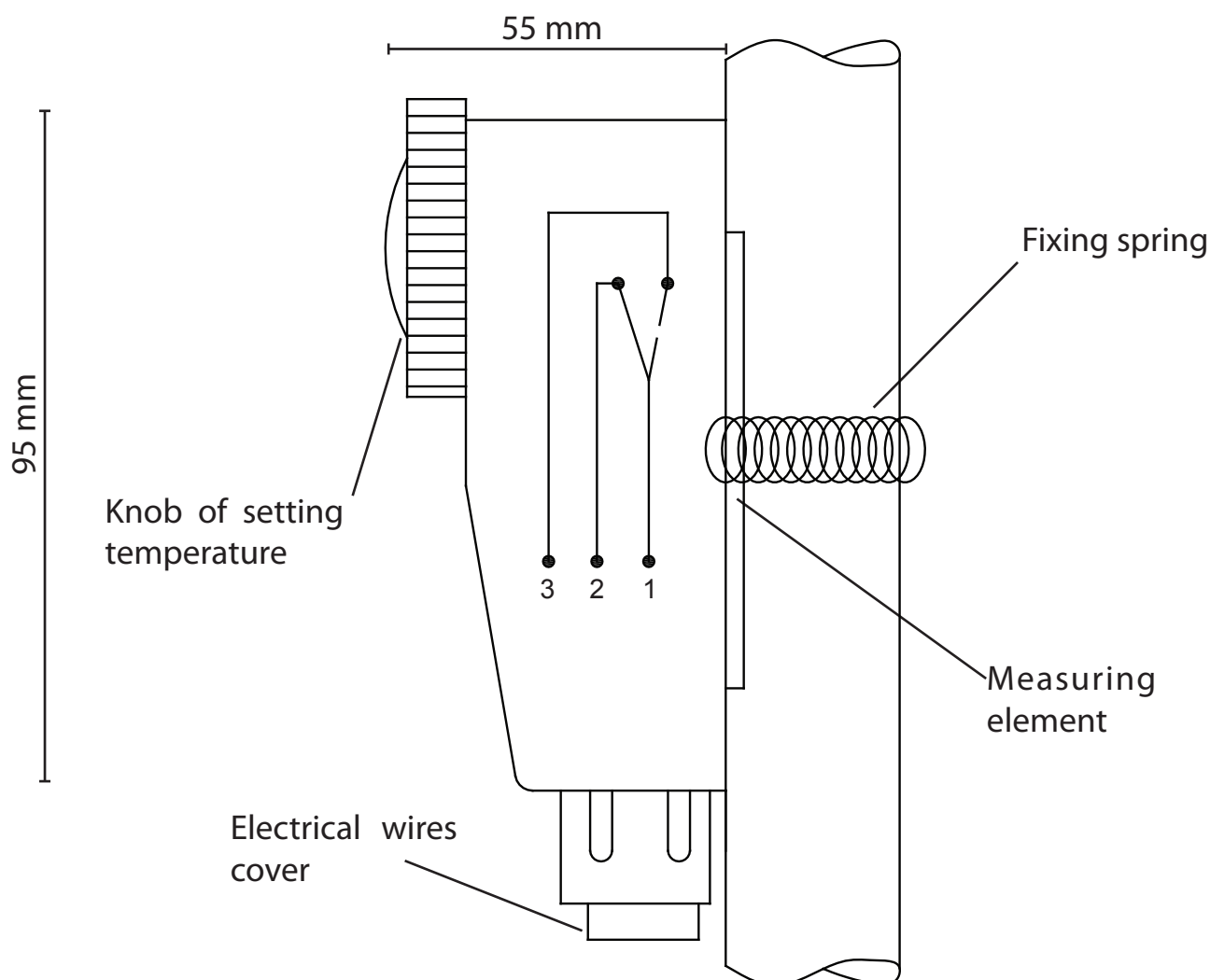
OPERATING PRINCIPLE

Thermostat measures the temperature using sensor. The knob is used to set the desired temperature (switching threshold)

When real temperature is lower than desired temperature, contacts **1** and **2** are shorted.

When real temperature is higher than desired temperature, contacts **1** and **3** are shorted.

STRUCTURE



TECHNICAL DATA

Setting range:	20 ÷ 90 °C
Hysteresis:	5 °C
Maximum load:	2.5 A
Number of cycles:	200 000
Contacts material:	Ag 1000/1000
Casing:	ABS
Type of sensor:	przyłgowy
Protection rating:	IP20
Storage temperature:	-20 ÷ 60 °C
Operating temperature:	0 ÷ 60 °C
Control:	mechanical

SCOPE OF DELIVERY

- .. 1x Thermostat IB-Therm 01
- .. 1x Paste conducting heat
- .. 1 x Fixing spring
- .. 1 x Operating manual

WARRANTY

- .. Warranty is granted on 24 months from the date of purchase of goods.
- .. Any defect disclosed during the warranty period will be removed within 21 working days, from the date of adoption of goods for service.
- .. In case of necessity of import goods or components from abroad, repair time is extended by the time needed to bring them.
- .. Customer provides product to service at his own cost. If the product is shipped at the expense of the service, it won't be received.
- .. At time repair service has no obligation to provide substitute product.
- .. Warranty repair will be made upon presentation of properly and legibly filled your warranty card, signed by guarantor and with sales document.

WARUNKI GWARANCJI

- .. Warranty covers only defects arising from causes inherent in goods. Damage resulting from external causes such as: mechanical damage, pollution, flooding, weather, improper installation or improper wiring and operations. Warranty does not apply in case unauthorized repair by customer, changes in software (firmware) and device formatting.
- .. Due to the natural consumption of consumables, some of them are not covered by warranty (for example: cables, battery, loader, micro contacts, buttons).
- .. In the event of unjustified claim for warranty repair, all additional cost are on customer's side.
- .. Service has right to refuse to perform warranty repairs for following: differences between documents and goods marks, make repairs on their own by customer, changes in product construction without authorization.
- .. Warranty repair refusal is equivalent to loss your warranty.
- .. If it is not possible to test product before its purchase (distance selling), it is possible to return goods within 10 days. Returned goods cannot bear signs of exploitation, it must contain all elements with which it was delivered.
- .. In the case of return of purchased goods all shipping costs are on buyer side. For shipment please enclose purchase document and give precise details of the buyer with account number on which will be refunded an amount equal to the value of the returned goods, no later than 21 days from the date of delivery of the goods. This amount is reduced by shipping costs if these costs

WARUNKI GWARANCJI

were incurred by the seller. Delivery of copy of document correction is necessary to a refund. Before return of goods please contact with seller.

„INSBUD”

ul. Niepodległości 16a

32-300 Olkusz

Poland

sales department: +48 (32) 626 18 00

sales department: +48 (32) 626 18 18

technical department: +48 (32) 626 18 07

technical department: +48 (32) 626 18 08

fax: +48 (32) 626 18 19

e-mail: insbud@insbud.net