

## STEM THERMOSTAT THS3, THS4

with cased control THS3  
with open control THS4



### DESCRIPTION:

- stem of the thermostat is a temperature sensitive element, which is formed by brass anticorrosive dilated tube
- thermal dilatation tube is transmitted by invar rod through leverage on the switching mechanism, which is located in a waterproof rod

### TECHNICAL PARAMETERS:

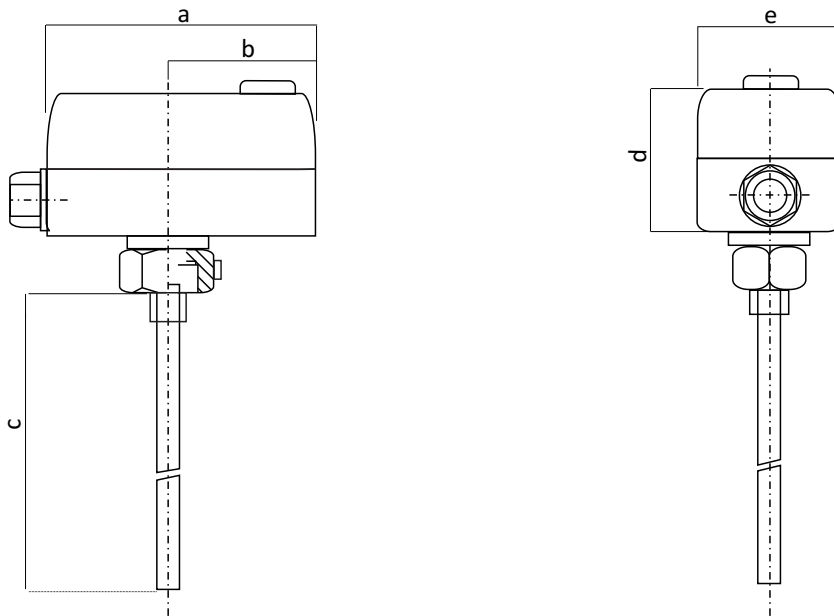
- regulatory range: 0-90°C, 0-120°C, 100-120°C
  - contact load: 16(4)A/240VAC
- stem length: 100, 160, 200mm, individual
  - stem average: 8mm
  - connecting thread: union nut G1/2
    - number of terminals: 3
- protection: IP 65 (THS3), IP 54 (THS4)
  - cased regulation THS3
  - control knob external THS4
- ambient temperature: permanent - Tmax 85°C
- ambient temperature: permanent local not more than 5% area - 150°C
- ambient temperature: short-term local not more than 10s on 5% area - 200°C

### SPECIFICATION:

Stem thermostats are temperature-dependent single-pole switches based on the principle of different temperature expansibility of metals. They are designed for electric circuit switching, however not as the main switch. The core of these thermostats is a reliable mechanical system, that does no power consumption itself. Compared thermostats THS is used here higher protection IP 65 / IP 54. Thermostats THS3, THS4 are supplied with a process connection using a union nut G1/2. They are known for significantly low operational and maintenance costs compared to electric systems.

Type	THS3, THS4		
Regulatory range	0-90°C	0-120°C	100-120°C
Setting accuracy	±5°C	±5°C	±10°C
Difference	2±1°C	2±1°C	5±3°C
Contact load	16(4)A/240VAC		
Stem length	100, 160, 200mm, individual / 8mm		
Number of terminals	3		
Protection	IP 65 (THS3), IP 54 (THS4)		

• THS3, THS4



Dimensions in mm				
a	b	c	d	e
105	55	100	70	70

Wiring diagram

