

ENCASED THERMOSTATS

contact, stem, room, capillary
free/covered regulation



Specification:

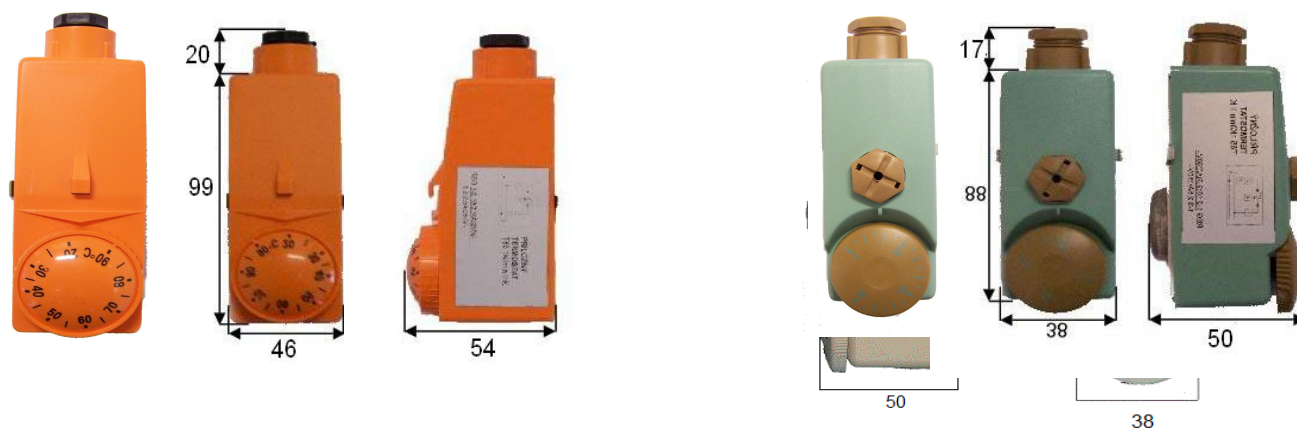
Encased thermostats are mainly used in applications, where visual aspect is important as well as easy control, optionally when it is important to prevent from direct contact with the contacts. Commonly used to switch-on boiler circulating pump. Thanks to higher protection IP54 they are suitable even for external use. Main advantages are easy control and mounting, reliability.

Contact encased thermostats

Both series are equipped with ON/OFF contact of the electric circuit. THP series enables the user to set the switch-on difference. This series is also supplied with covered regulation to prevent from deliberate and non-professional manipulation.

Thermostat type WTHP is due to its wider regulatory range suitable also for applications, where it is essential to control temperatures about zero. That is why WTHP has higher protection – IP 40.

	THP-90	WTHP 90
Temperature range :	20-90°C	0-90°C
Temperature difference :	8±3 K	8±3 K
IP protection :	IP20	IP40
Insulation class :	I	I
Rate of temp. change :	< 1K/min	< 1K/min
Tmax surrounding :	85°C	85°C
Storing temperature:	15-60°C	15-60°C
Output :	contact switch-off or over	contact switch-off or over
Contact load :	1-2 = 16 (2,5)A/250V~	1-2 = 16 (4)A/250V~
	1-3 = 2,5A/250V~	1-3 = 6(1)A/400V~
Installation :	common environment	common environment
Output pipe :	M20x1,5	M20x1,5
Mounting :	on pipe	on pipe
Design:	Freely accesible or covered regulation	

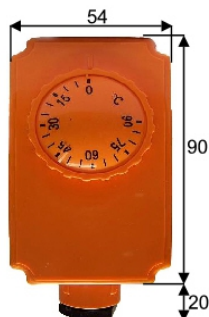
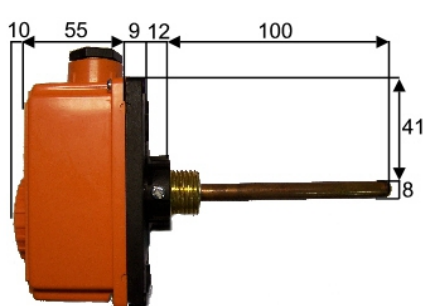


Stem encased thermostats

Specification:

Stem thermostat is designed for electric device operation in dependence on temperature of measured medium. It is mounted into heating system by copper protection well with G1/2 thread. Use suitable material for connection sealing, such as teflon tape. Maximum permitted pressure on the well is 10bar (1 MPa). Wide spectrum of temperature ranges. Standard stem length is 100 mm (optionally 200, 300 mm).

Technical parameters	THS-90	THS-210
Temperature range	0-90°C	40(70)- 210°C
Temperature difference	5°K	5°K
Stem length	100 – 300 mm	
IP protection	IP 40	IP 40
Insulation class	I	I
Rate of temp. change	< 1°K/min	< 1°K/min
Storing temperature	15 – 55 °C	15 – 55 °C
Contacts	On/off	
Contact load	C-1 = 16 (4) A/250V~, 7A/400V~,	
Tmax case surroundings	80°C	80°C
Tmax sensor	125°C	245°C
Mounting	well D8mm with thread G1/2	
Design	Freely accessible regulation	

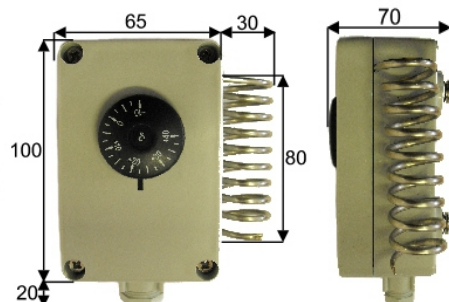
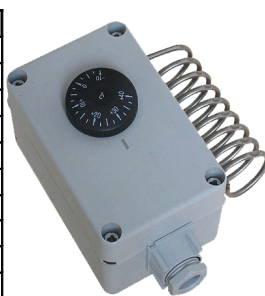


Room thermostats

Specification:

Room thermostat is designed to operate electric devices depending on the rooms temperature. Wall mounting. Due to its high IP protection 54 they are also suitable for exterior use. Main advantages are easy operation and installation, reliability.

Technical parameters	type THPR
Temperature range	-10...+40°C
Accuracy	±3°C
Temperature difference	5°K
IP protection	IP 54
Insulation class	I
Rate of temperature change	< 1°K/min
Contact load	16 (4) A 250 V~ 6 (1) A 250 V~
Case surrounding Tmax	80°C
Mounting	wall



Capillary encased thermostats

Specification:

Capillary thermostat is designed for electric devices depending on temperature of measured medium. Used in applications, where the place of measurement is out of reach. Main advantages are easy handling, mounting and reliability.

Technical parameters type THK	
Temperature range:	0...+90°C
Accuracy:	±3°C
Temperature difference	5°C
IP protection:	IP 40
Capillary length:	1.000mm
Contact load:	16 (4) A 250 V~
	6 (1) A 250 V~
Tmax case surrounding:	80°C
Mounting:	On wall

