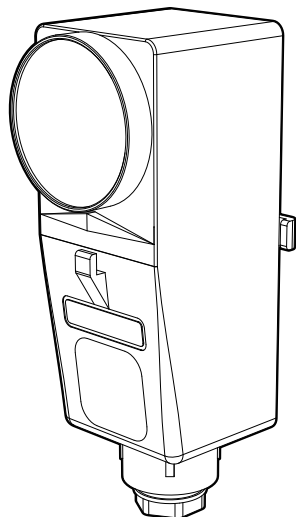


# INSTALLATION AND OPERATING INSTRUCTIONS

## CYLINDER THERMOSTAT



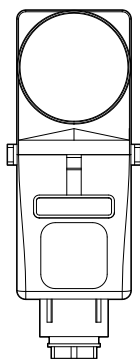
### OVERVIEW

Thank you for purchasing our cylinder thermostat. It is by listening to your requirements we have created and designed our products to be easy to operate and install.

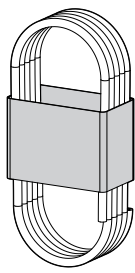
This thermostat is particularly suitable for temperature measurements on heating systems pipes and for domestic hot water heating.



### PACK CONTAINS



**x1**  
Cylinder thermostat



**x1**  
Fixing cable for HW Tank



**x1**  
Spring fixing for pipe



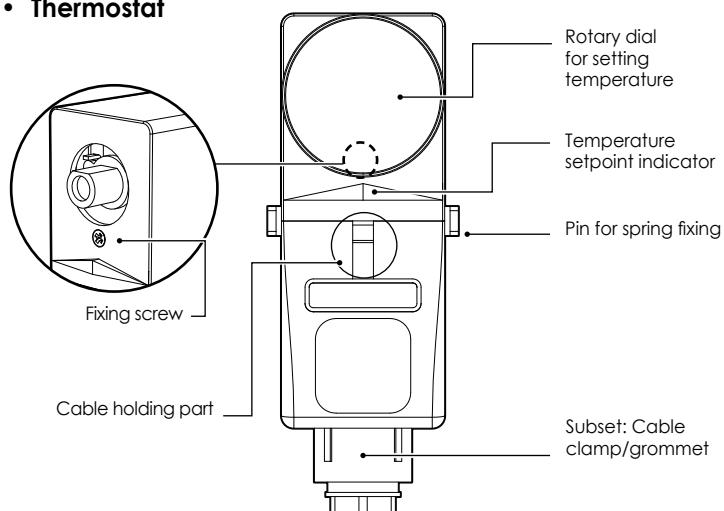
**x1**  
Hook



**x1**  
Ring



### Thermostat



## WARNINGS AND PRECAUTIONS



Before any work make sure the load you are going to connect (boiler, circulation pump, air conditioner switch etc) is isolated by cutting off the power supply.

- All electrical installation work should be carried out by a suitably qualified Electrician or other competent person.
- Check the compatibility between the load and the relay contact according to technical information and the product label.
- **Disconnect mains supply before removing cover.**
- This device must be electrically earthed via the earth terminal provided.
- This product is for fixed wiring only. A switch having contact separation of at least 3mm in all poles must be incorporated in the fixed wiring as a means of disconnecting the supply.
- **All wiring must be in accordance with IEE regulations.**



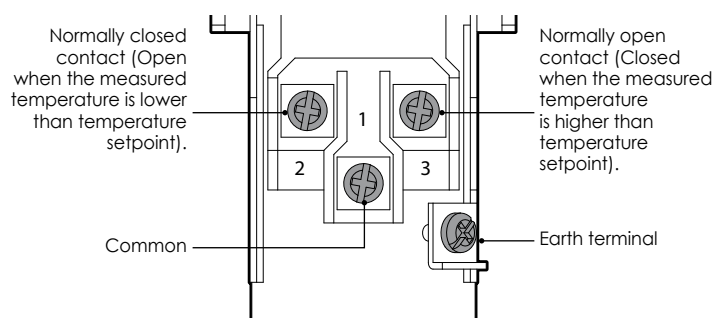
## MOUNTING OF THERMOSTAT



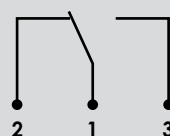
If you are not sure how to install this thermostat consult either with a qualified electrician or heating Engineer.

### WIRING

#### Electrical Terminals

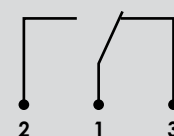


#### Normally closed contact



The water temperature is lower than temperature setpoint

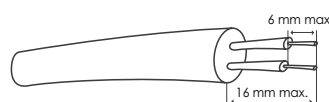
#### Normally open contact



The water temperature is higher than temperature setpoint

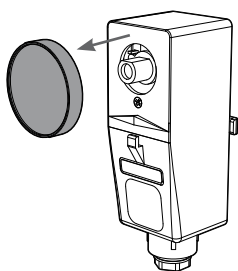
#### Note:

Preferably use wires with a cross-section area from 1 to 2 mm<sup>2</sup>.  
E.g.: H05VV-F2X1 (2 x 1mm<sup>2</sup>)

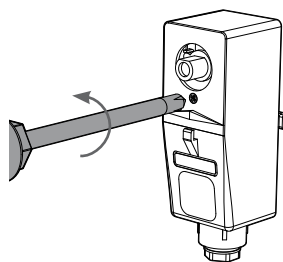


## • Wiring

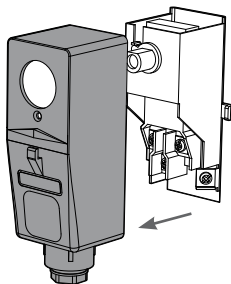
1- Remove the rotary knob



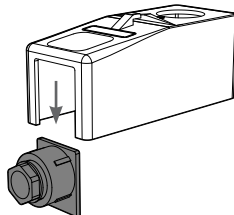
2- Unscrew the fixing screw.



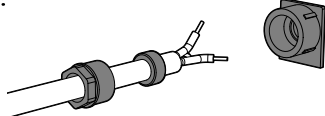
3- Remove the front cover



4- Remove the subset part from the front cover

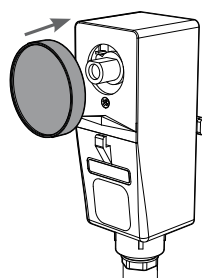
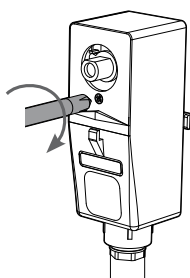


5- Insert the connecting cable in the subset removable part.



6- Wiring connections

7- Replace the front cover, screw the fixing screw and replace the rotary knob.



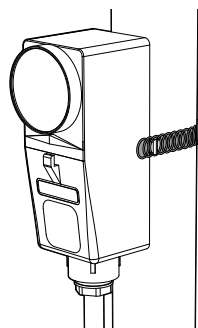
## MOUNTING OF PRODUCT

There are two ways of mounting:

### • On a pipe

To attach the cylinder thermostat on a pipe, proceed as below:

1- Hold the thermostat on the pipe and attach the spring to the two pins.

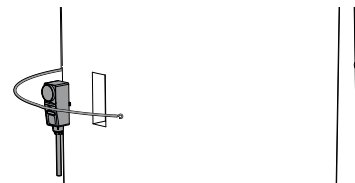


## • On a hot water tank

To attach the cylinder thermostat on hot water tank, proceed as below:

1- The thermostat should be fitted 1/3 of the way up from the bottom of the cylinder. Remove an area of insulation and ensure good contact between the thermostat and the hot water tank.

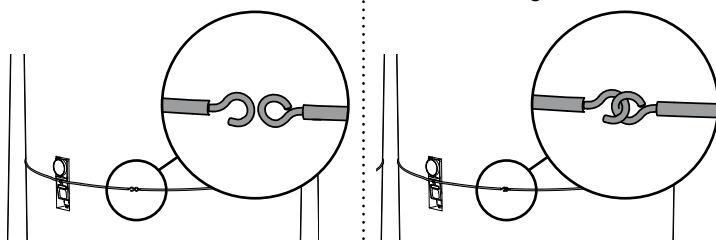
2- Encircle the thermostat and the water tank using the supplied cable. Make sure the cable passes through the cable holding part (see diagram page 1).



3- If needed, cut the cable to adjust length.

4- Screw the supplied hook and ring to each end of the cable.

5- Put the hook into the ring in order to maintain the cylinder thermostat against the tank.



## SETTING THE TEMPERATURE

To adjust the temperature setpoint, use the rotary knob to place the desired temperature in front of the setpoint indicator.



## TECHNICAL SPECIFICATIONS

- Temperature setting range: 20°C to 90°C
- Differential: 8+/-3K
- Insulation class: I
- Temperature rate of change: <1K/min
- Contact rating:
  - Terminals "1" and "2": 16(2.5)A/250V~
  - Terminals "1" and "3": 2.5A/250V~
- Earth terminal provided
- Switch action: 1B - SPDT

### Standards:

#### LVD

EN60730-1  
EN60730-2-9


### Environment:

- Storage temperature: -15°C to 60°C
- Protection rating: IP20

Manufactured by : Co-Intech (contact\_uk@neomitis.com)



## RECYCLING AND COMPLIANCE DECLARATION

The  on the product indicates that you must dispose of it at the end of its useful life at a special recycling point, in accordance with European Directive WEEE 2012/19/EU. If you are replacing it, you can also return it to the retailer from which you buy the replacement equipment. Thus, it is not ordinary household waste. Recycling products enables us to protect the environment and to use less natural resources.

Compliance declaration: we hereby declare under our sole responsibility that the products described in these instructions comply with all the main requirements of the Low Voltage Directive EMC 2004/108/EC ; LVD 2006/95/EC and RoHS 2011/65/CE.



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