

Manuale istruzioni - Instructions manual  
 Notice technique - Bedienungsanleitung  
 Handleiding - Manual de instrucciones  
 Manual de instruções - Οδηγίες Χρήσεως

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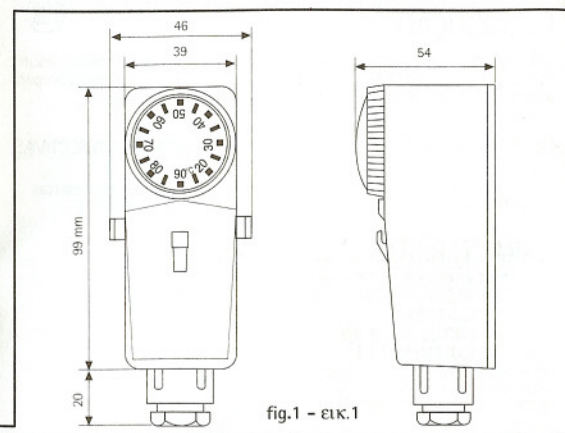


fig.1 - εικ.1

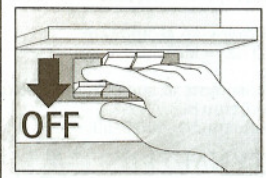


fig.2 - εικ.2

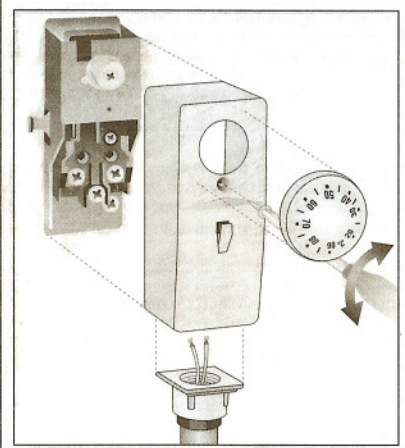


fig.3 - εικ.3

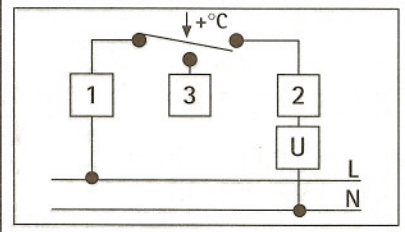


fig.5 - εικ.5

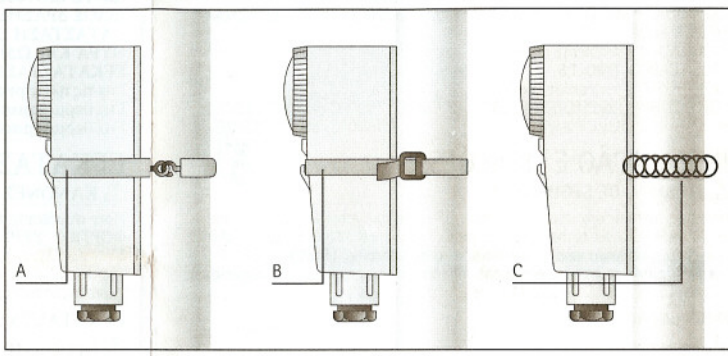


fig.4 - εικ.4

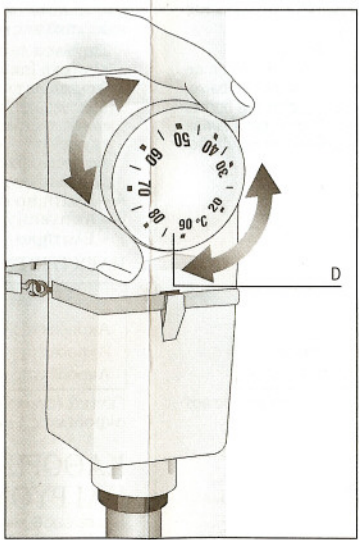


fig.6 - εικ.6

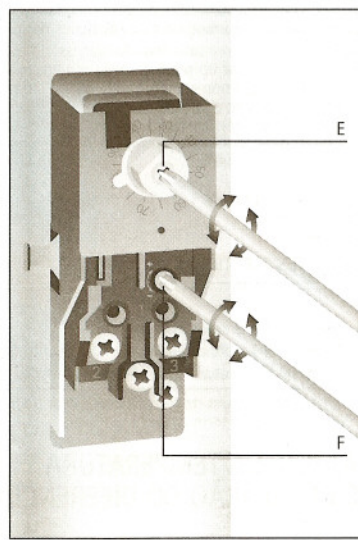


fig.7 - εικ.7

## INTRODUCTION



Thank you for your confidence in our Company and for choosing one of our products.  
 This bimetallic contact THERMOSTAT is particularly suitable for temperature measurements on heating systems pipes.

### CONFORMITY TO THE STANDARDS

- EN 60730-1 and subsequent revisions
- EN 60730-2-9

### CONFORMITY TO THE GUIDELINES

- This product complies with:
- B.T. 73/23/EEC
- E.M.C. 89/336/EEC and later updating of 93/68/EEC

## TECHNICAL DATA

These data refer to tests performed on  $\varnothing 60$  mm pipes  
 TEMPERATURE RANGE =  $20^{\circ}$  +  $90^{\circ}$  C  
 TEMPERATURE DIFFERENTIAL =  $8 \pm 3$  K  
 DEGREE OF PROTECTION = IP 20  
 INSULATION CLASS = I  
 TEMPERATURE RATE OF CHANGE =  $< 1$  K/min.  
 MAXIMUM HEAD TEMPERATURE =  $85^{\circ}$  C  
 STORAGE TEMPERATURE =  $-15^{\circ}$  +  $60^{\circ}$  C  
 OUTPUT = cutoff or switching contacts  
 CONTACTS RATING = 1-2 = 16(2,5)A/250V~; 1-3 = 2,5A/250V~  
 SWITCH ACTION = 1B  
 INSTALLATION LOCATION = normal environment  
 FAIRLEAD TYPE = M20x1,5  
 MOUNTING = on pipes  
 FOR THE ELECTRIC CONNECTIONS USE CABLES:  $T \leq 90^{\circ}$  C cable H05 V2V2-F  
 $T > 90^{\circ}$  C cable N2GMH2G-J/O

## INSTALLATION AND CONNECTIONS

### SAFETY INSTRUCTIONS

Before connecting the thermostat, make sure that the power supply voltage of the UNIT TO BE CONTROLLED (boiler, pump, etc.) IS NOT CONNECTED and that it matches the indication given inside the appliance. (fig.2)  
 Make also sure that the unit suits the thermostat contacts rating features (see paragraph "Technical Data").

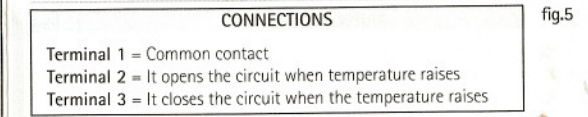
### INSTALLATION

**WARNING:**  
 All the installation operations included in this manual, must be carried out by qualified personnel only, strictly complying with all safety and law provisions in force.

- Fix the appliance to the pipe by means of its specific fastener. (fig.3)
- Disjoin the adjusting knob (when present) and then release the relevant fixing screw. Remove the front cover. Thread the power supply wires in the provided fairlead and connect them to the appliance terminals (fig.4) according to the instructions of the following paragraph "Wiring Connections". Snap the front cover back, tighten it by means of the provided screw and then fit the knob in its proper seat (if applicable).

- A = Coated spring-band
- B = Strap band
- C = Spring-band

### WIRING CONNECTIONS



Normally (heating plants) use terminals 1 and 2.

## TEMPERATURE AND TEMPERATURE DIFFERENTIAL SETTINGS

- See fig.6 and fig.7.
- D = Temperature adjusting knob
- E = Temperature adjusting screw
- F = Temperature differential adjusting screw