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OWNER'S MANUAL

THERMOSTAT ROD

TYPE 9008

1 - USE :

Temperature control or limitation of liquids or gases.
Can be removed without draining the tank provided the thimble is left in place.

2 - DESCRIPTION :

- A liquid expansion thermostat with a copper bulb (diameter 6 mm) inserted in a stainless steel thimble 316L (diameter 8 mm). The thermostat is attached to the thimble by a perpendicular locking screw on the fixing screw socket.
- Range of temperature of use :
 - reference 9008 - 11 : 0 - 100°C
 - reference 9008 - 12 : 0 - 150°C
 - reference 9008 - 13 : 50 - 300°C
- Temperature adjustment by scale screw at an angle of 270°C, located inside the case.
- Potential-free change-over contact with forced rupture.
- Breaking power 10 Amps at 230 volts a.c. on a resistive load.
- Differential : 2.5% of the full scale.
- Sensitivity : 3°C.
- Connections to 3 screw terminals + earth, inside the case.

3 - PRECAUTIONS BEFORE USE : Check that :

- The boss provided to take the thimble has a 1/2" gas thread.
- The thimble is made of a material compatible with the fluid controlled.
- Adequate clearance will allow the thermostat to be removed (tunned side).
- The unit must only be powered up when the case lid is put back in place.

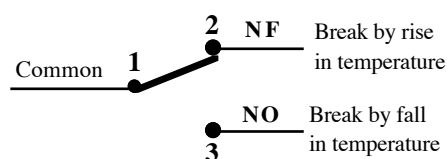
4 - INSTALLATION AND ELECTRICAL CONNECTION :

4 - 1 - INSTALLATION :

- Screw the thimble (having first removed it) on to the boss provided for this purpose.
- Insert the bulb into the thimble and tighten the locking screw located on its connector.

4 - 2 - ELECTRICAL CONNECTION :

- Remove the case lid after unscrewing the two screws on the 2 opposite corners.
- Follow the diagram below, paying particular attention to the terminal numbers.



- Make sure the screws on each terminal are tight.
- Replace the lid and fasten it with the two screws.

5 - **COMMISSIONING PROCEDURE** :

- Using the adjusting screw (found inside the case), set the required temperature setting opposite the dial index (do not forget to close the case).
- Power up the heating unit having first checked that all operating conditions have been complied with.
- Before the nominal temperature is reached, make sure that the movement of the thermostat's adjusting screw stops and restarts the heating. Reset at the temperature of use.

PLEASE NOTE : Information on the vernier of the thermostat's adjusting screw is not precise enough to be sure of the accuracy of the temperature reading. Adjust the set point gradually until the required temperature is obtained, measuring it with a thermometer.

6 - **MAINTENANCE** :

- Check regularly (at least once a year) that the terminals are tight.
- Regularly (at least once a year or more often if necessary) remove and clean the thimble, without damaging it, if sediment or lime have been deposited on it (risk of impairing regulation by obstructing measurement).

7 - **GUARANTEE** :

Our guarantee is in accordance with inter-union electrical construction agreements and our general conditions of sale.

We cannot be held liable for any damage caused by :

- use of the appliance over 10% above the design rating,
- exceeding the unit's breaking power,
- corrosion or scale,
- lack of maintenance, impact, rough handling or inexperience on the part of the user.