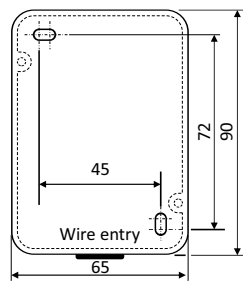


Installation

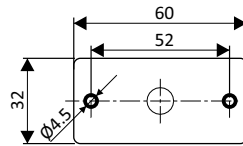


for a wall installation

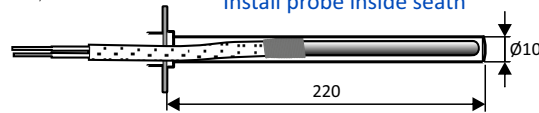


Measures mm

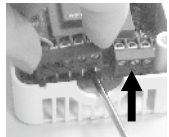
Plate to fix the sheath to the tube



Install probe inside sheath

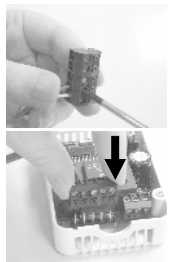


PLUG-IN Connector

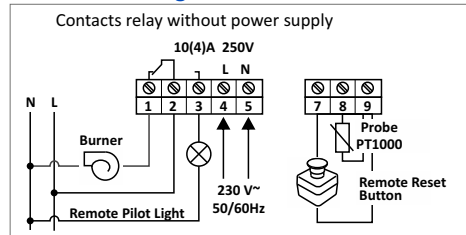


ASSEMBLY NOTE

Before making any electrical connections, ensure that the control is disconnected from the power supply. Any manipulation of the control is to be performed only by qualified personnel.



Electrical drawing



Guarantee Conditions

This appliance has a three-years guarantee limited to replacement of defective parts. Transports not included.

We will not accept any responsibility for damage caused to the appliance by poor handling.

The guarantee does not include:

- Appliances with a damaged, effaced or altered series number.
- Appliances which have not been connected or used following the instructions that accompany it.
- Appliances which have been altered without the prior consent of the manufacturer.
- Appliances damaged by blows of liquid spills or gaseous emissions.

For the rest of general conditions visit our web.

VERY IMPORTANT:

Before opening the box, to access the connection, make sure the voltage switch.

This controller is not a safety device, or can be used as such, it is the responsibility incorporate adequate protection to every type of installation (**homologated**) installer.

The probe cable must be as far away as possible from other electrical conductors. It's maximum recommended by current regulation length should not exceed 3 meters.

Independent control device mounting, and connection via fixed pipeline.

Reserved the right of modify without prior notice.

Description

Pirostat-Limiter for the exit of smokes of the boilers. Double control of the temperature that has:

- **Thermometer** that indicates the temperature on the screen with a scale from 0° to 600° C.
- **Temperature limiter** that is configurable from 200°C to 240°C, disconnects the burner when exceeding the maximum authorized temperature.
- **Manual reset button**, pressing the **Rearme** key for 5 seconds performs the manual reset and authorizes the operation again, if the anomaly has been previously corrected. It only allows manual reset if the temperature is below the maximum authorized temperature. It has a connection for a remote manual reset.

The display shows an alarm message, alternated with the temperature reading, when the burner is disconnected. **From the factory it goes out in alarm to force them to check the correct functioning of the manual reset**, when the device is switched on, the display indicates "---", "LTH", "---", the temperature detected by the probe and ALr. By pressing the reset, the control switches to normal operation.

Maximum authorized temperature (cut, manual reset)

- Pressing **▲** or **▼**, the setpoint temperature flashes.
- To change the set point value for manual reset, press **▲** or **▼** while flashing, increase or decrease the desired temperature (200°C to 240°C). The temperature is memorized after 3 seconds of not touching the keys.

The burner disconnection is maintained regardless of any power cuts.

Alarm messages

"ES" Probe error: the probe is disconnected or its cables are cut.



"ALr" The maximum authorized temperature assigned in the setpoint has been exceeded. It displays intermittently **ALr** and the temperature read by probe. It does not allow rearming if the temperature is not below the setpoint.



Technical characteristics

Sonder Regulación, S.A.

Avda. La Llana, 93
08191 RUBI
(Barcelona) Spain
www.sonder.es



Cód. 7810V2 - ING - SEP21

- Power Supply:..... 230Vac +10%, -15% 50/60Hz.
- Probe (without polarity):..... PT1000 3m, IP44 from 0°C to +600°C.
- Read resolution:..... 0°C to 199,9°C -> 0,1°C / 200°C to 600°C -> 1°C.
- Maximum cable section to connect:..... 1,5mm².
- Breakage power (potential-free contacts):..... 10(4)A 250V~.
- Environment:..... Tmin. 0°C, Tmax. 45°C, %H.R. 20 ... 85%.
- Storage temperature:..... maximum 50°C.
- Protection degree:..... IP20.
- Pollution degree:..... 2.
- Limiter with manual reset according:..... RITE IT.1.3.4.4.5.
- Action type according EN 60730:..... 2.B.