

CONFIGURATION SENSOR TP5505 ON CONTROLLER ZZ3000 (HD9022)

- 1) Connect the power (24V) to the instrument.
- 2) The instrument will start with an internal check and **C.E.I.** will appear on the display for a few seconds, followed by a random number.
- 3) Press **PROG** and **F0** will appear on the display.
- 4) Press **PROG** and **F1** will appear on the display.
- 5) Press **ENTER** and the symbol **U**, **A** or **Pt** will appear on the display. Press the **▲** or **▼** key to set the input for **PT**.
Press **ENTER** to confirm.
- 6) Press **PROG** and **F2** will appear on the display; press **ENTER**; press the **▲** or **▼** key to set the decimal point in the desired position, this should be **0**.
Press **ENTER** to confirm.
- 7) Press **PROG** and **F3** will appear on the display; press **ENTER**; press the **▲** or **▼** key to set the Pt100 which corresponds to the value at the beginning of the scale **-10°C**.
Press **ENTER** to confirm.
- 8) Press **PROG** and **F4** will appear on the display; press **ENTER**; press the **▲** or **▼** key to set the numerical value which corresponds to the beginning of the scale **-10°C**.
Press **ENTER** to confirm.
- 9) Press **PROG** and **F5** will appear on the display; press **ENTER**; press the **▲** or **▼** key to set the value (as chosen at point 5) which corresponds to the end of the scale **110°C**.
Press **ENTER** to confirm.
- 10) Press **PROG** and **F6** will appear on the display; press **ENTER**; press the **▲** or **▼** key to set the numerical value which corresponds to the end of the scale **110°C**.
Press **ENTER** to confirm.
- 11) Press **PROG** and **F7** will appear on the display; press **ENTER**; press the **▲** or **▼** key to set the maximum alarm value (threshold) L MAX, for the alarm relay for example **70°C**.
Press **ENTER** to confirm.
- 12) Press **PROG** and **F8** will appear on the display; press **ENTER**; press the **▲** or **▼** key to set the minimum alarm value (threshold) L MIN, for the alarm relay for example **0°C**.
Press **ENTER** to confirm.



- 13) Press **PROG** and **SP1** will appear on the display; press **ENTER**; press the ▲ or ▼ key to set the value for the first threshold (setpoint) "SET relay HI" for example **40°C**.
Press **ENTER** to confirm.
- 14) Press **PROG** and **SP2** will appear on the display; press **ENTER**; press the ▲ or ▼ key to set the reset value for the first relay "RESET relay HI" for example **45°C**.
Press **ENTER** to confirm.
- 15) Press **PROG** and **SP3** will appear on the display; press **ENTER**; press the ▲ or ▼ key to set the value for the second threshold (setpoint) "SET relay LO" for example **50°C**.
Press **ENTER** to confirm.
- 16) Press **PROG** and **SP4** will appear on the display; press **ENTER**; press the ▲ or ▼ key to set the reset value for the second relay "RESET relay LO" for example **48°C**.
Press **ENTER** to confirm.
- 17) Press **PROG** and **S10** will appear on the display; press **ENTER**; press the ▲ or ▼ key to set the desired speed of RS232 transmission, choose from: 300, 600, 1200, 2400, 4800, 9600 baud.
Press **ENTER** to confirm.
- 18) Press **PROG** and **F0** will appear on the display.
THE CONFIGURATION OF THE INSTRUMENT IS COMPLETED.
- 19) Connect the input of the instrument and press **ENTER**. The display will show the value corresponding to the input signal.

