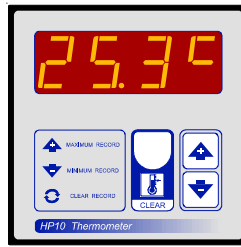# HP10
SL 3.0
Thermometer with recorder
Handbook
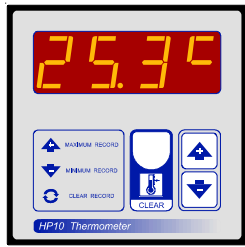
MAIN SETTINGS *(Run Mode).*
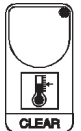
MAXIMUM TEMPERATURE RECORDING VIEW.
Press **+** :
This message will be displayed followed by
° *Maximum temperature recording.*

MINIMUM TEMPERATURE RECORDING VIEW.
Press **+** :
This message will be displayed followed by
° *Minimum temperature recording.*
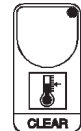
MEMORY CLEAR.
Press **CLEAR** for more two seconds:
This message will be composed on display before clearing operation.

COSt PROGRAMMING *(System constants)*

These settings refer to the mode operation of the system and must be made on initial start-up.
Press **- / +** together for at least one second: the message **C.O.S.t.** will be displayed.
Press than repeatly **CLEAR** until interested variable's message is displayed (see table below) : variable value and related message will be displayed.
Press **+** or **-** to set a new value and then **CLEAR** to confirm.
The next system constant will then appear.
You can press **CLEAR** for a least two second to escape and return to the *Run Mode*

Mess.	Value	Meaning	Note
tEnP	=1	Temperature representation (= 1°C, = 2°F)	*1)
Ad.tE	0.0°	°C Input temperature sensor correction (+ o -)	*2)

*1) *tEnP =1* : **°C** Temperature range.
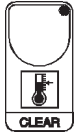   *tEnP =2* : **°F** Temperature range.

*2) You can correct the readings on the various sensors (**+** or **-**).

PRESET PROGRAMS

At delivery this processor is ready programmed with the following (variable) settings.
To return to these settings at any time:
Power off the processor, press **CLEAR** key and keep it pressed giving power on: release **CLEAR** key when on the screen appear *boot* message.
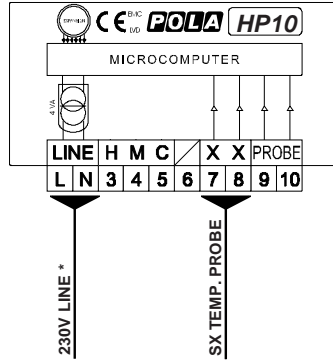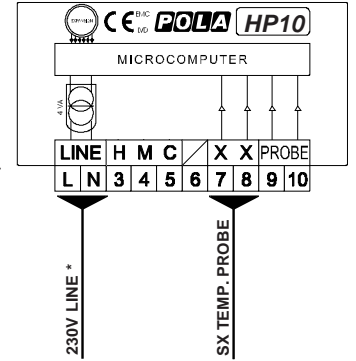*tEnp=1 Ad.tE=0.0*

INSTALLATION

How to connect the line
Connect 230V line on terminals **L-N**.
Protect supply with adequate fuse.

How to connect the sensors
Connect the sensors provided as shown in the diagram. For remote connections use a standard 0.5-square millimetre two-pole wire for each sensor, taking great care over the connections, by insulating and sealing the joins carefully. *-O.C.-* is displayed when the temperature sensor wiring is open, *-S.C.-* is displayed when the temperature sensor wiring is short circuit.

POLA HP10
MICROCOMPUTER

| LINE | H | M | C | | X | X | PROBE |
| L | N | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |

230V LINE *

SX TEMP. PROBE

* Other power voltage if you required