

HP14

SL 3.0

Double-level hygostat

Handbook



MAIN SETTINGS (Run Mode)



HUMIDITY 1 SETTING

Press **SET 1** (key lamp flashes): this message will be displayed instead of the %Rh Set 1 Humidity value.

Press + or - to modify, press **SET 1** to escape.

SEt.1

70.0H

Example SEt.1 = 70.0H



HUMIDITY 2 SETTING

Press **SET 2** (key lamp flashes): this message will be displayed instead of the %Rh Set 2 Humidity value.

Press + or - to modify, press **SET 2** to escape.

SEt.2

80.0H

Example SEt.2 = 80.0H

VIEWING HUMIDITY RECORDING



Press +: H _ _ _ will be displayed followed by *Maximum Humidity Recording*.

Press -: H _ _ _ will be displayed followed by *Minimum Humidity Recording*.

Values recorder are memory permanent stored: for memory clear keep pushed + key for more than 3 seconds.

CLEA message will be composed on display before clearing operation.

COSt PROGRAMMING (System constants)



These settings refer to the operation mode of the system and must be made on initial startup. Press - / + at the same time for at least one second: the message **C.O.S.t.** will be displayed.

Press than repeatedly **SET 2** until the message regarding the chosen variable is displayed (see table below): variable's value and message will be displayed.

Press + or - to set a new value and then press **SET 2** to confirm.

The next system constant will then appear.

You can press **SET 2** for at least 2 seconds to exit and return to the *Run Mode*.

Mess.	Value	Meaning	Note
diF.1	1.0H	%RH SET 1 differential	*1)
diF.2	1.0H	%RH SET 2 differential	*1)
Huny	=1	Humidity sensor type (=1: RHP, =2: 4/20mA)	*2)
Ad.Hu	0.0H	%RH humidity correction (+ o -)	*3)

*1) For more details see *Operative Diagrams*.

*2) HP14 can be configured in these different humidity sensor type:

=1: RHP POLA

=2: 4/20mA standard.

*3) You can correct the readings on the various sensor (+ or -).

PRESET PROGRAMS



At delivery this processor is programmed with the following (variable) settings.

To return to these settings at any time.

Power off the processor, press **SET 2** key and keep it pressed giving power on: release **SET 2** key when on the screen **boot** message appears.

SEt.1 = 70.0H SEt.2 = 80.0H The **COSt** values are shown in **COSt** paragraphs.

MANUAL MODE



In some start-up conditions may be useful to work in "hand" mode.

Power off the processor, press + key and keep it pressed giving power on:

HAnd message will be displayed (release now + key).

Press + until is displayed number required to be handed (see table relays "N° Relay") and press **SET 2** for activating relay.

Pressing again + for increase relay number previous relay is deactivated.

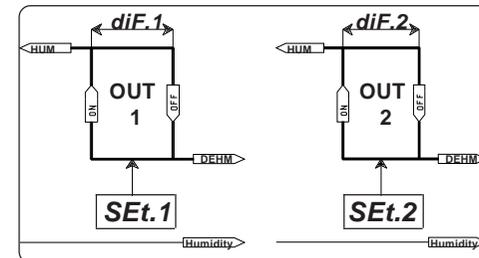
You can press **SET 2** key for a least two seconds to escape and return to the *Run Mode*.

STATE INDICATION LAMPS

The lights situated at the bottom of the display show the state of the relay.

Lamp.	State	N° Relay	Contacts
HUM (1)	Hum 1 On	1	3-4
DEHM (1)	Dehum 1 On	2	4-5
HUM (2)	Hum 2 On	3	6-7
DEHM (2)	Dehm 2 On	4	7-8

OPERATIVE DIAGRAMS



INSTALLATION

How to connect the line

Connect 220V line on terminals L-N.

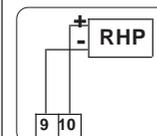
Protect supply with adequate fuse.

How to connect the sensors

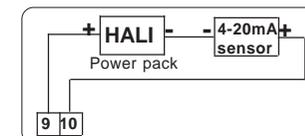
Connect the provided sensor as shown in the diagram. For remote connections use a standard 0.5-square millimetre two-pole wire, taking great care over the connections, by insulating and sealing the joints carefully.

How to connect the contacts

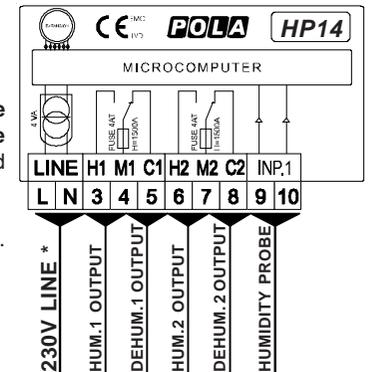
Connect terminals on the terminal block (contacts up to 4AMP.AC1).



RHP sensor probe connection



4-20mA sensor probe connection



* Other power voltage if you required.

As it company policy to continually improve the products the Manufacturers reserve the right to make any modifications thereto without prior notice. They cannot be held liable for any damage due to malfunction.



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