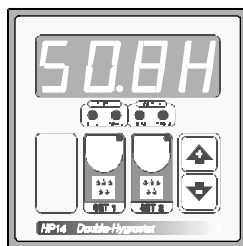


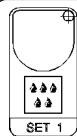
# HP14

SL 2.0  
Double-level hygrostat



## Handbook

### MAIN SETTINGS (Run Mode)



#### HUMIDITY 1 SETTING

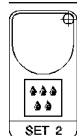
Press **SET 1** (key lamp flashes):  
this message will be displayed instead of the  
%Rh Set 1 Humidity value.

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



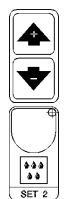
Press +: will be displayed followed by  
Maximum Humidity Recording.

Press -: 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 mode of 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 repeatedly **SET 2** 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 **SET 2** to confirm.

The next system constant will then appear.

You can press **SET 2** for a least two second to escape 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



This processor is ready 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:

**boot** message will be displayed (release now **SET 2** key).

**SEt.1 = 70.0H SEt.2 = 80.0H**

The **COSt** values are shown in **COSt** paragraphs.

### "HAND 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).

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

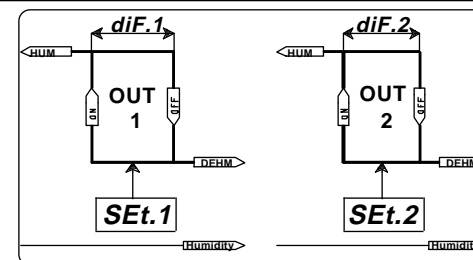
Pushing again + for increase relay number previous relay is deactivated. You can press **SET 2** for a least two seconds to escape and return to the *Run Mode*.

### STATE INDICATION LAMPS

The lights situated at the bottom of the display show the state of the various relays as set out below.

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 sensors

Connect the sensor provided as shown in the diagram. For remote connections use a standard 1.5-square millimeter two-pole wire, taking great care over the connections, by insulating and sealing the joins carefully.

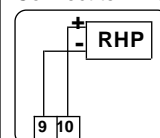
#### How to connect the line

Connect 220V line on terminals L-N.

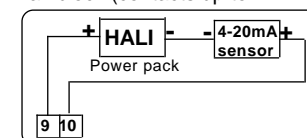
Protect supply with adequate fuse.

#### How to connect the contacts

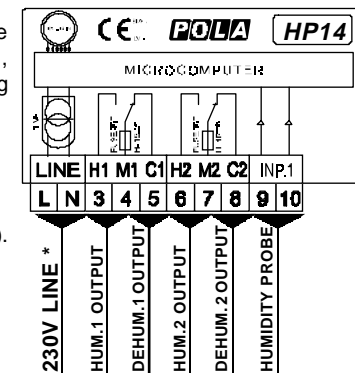
Connect terminals on the terminal block (contacts up to 4AMP.AC1).



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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