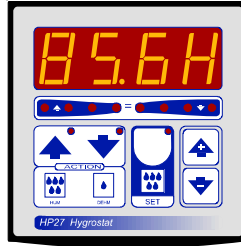


HP27

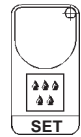
SL 3.0
Single-level hygrostat

Handbook

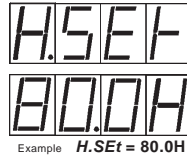


MAIN SETTING (Run Mode)

SET HUMIDITY SETTING



Press **SET** (key lamp flashes):
this message will be displayed instead of the
%RH humidity value.
Press **+** or **-** to modify, press **SET** to confirm.



VIEWING HUMIDITY RECORDING



Press & hold **+** $H._ _ _ _$: will be displayed followed by
°Maximum Humidity Recording.
Press & hold **-** $H._ _ _ _$: will be displayed followed by
°Minimum Humidity Recording.

Values recorder are memory permanent stored: for memory clear keep pushed **+** keys
for more than 3 seconds: **CLEA** message will be displayed 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 **SET** repeatedly until the desired 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** to confirm.
The next system constant will then appear.
You can press **SET** for a least two seconds to escape and return to the *Run Mode*.

Mess.	Value	Meaning	Note
diFF	1.0H	% Rh Differential	*1)
rELA	0.0H	% Rh setting shift referring to H.SET	*1)
t.on	0"	On delay time in seconds	*2)
t.oF	0"	Off delay time in seconds	*2)
Huny	=1	Humidity sensor type (=1: RHP, =2: 4-20mA)	*3)
Ad.tE	0.0H	%Rh Input humidity sensor correction (+ or -)	*4)

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

*2) This Set allows setting of both On and Off delay before action.
Relative light (**HUM-DEHM**) flash during delay time.

*3) **Huny = 1** : 0-20mA sensor (RHP POLA type) direct connection.
tEnP = 2 : 4-20mA sensor: using HALI POLA power pack.

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

PRESET PROGRAMS (Bootstrap)

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 **SET** key and keep it pressed giving power on: release **SET** key when
on the screen appear **boot** message. **H.SET = 80.0H**

The **COS.t** values are shown in *COS.t Programming*

"HAND MODE"

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

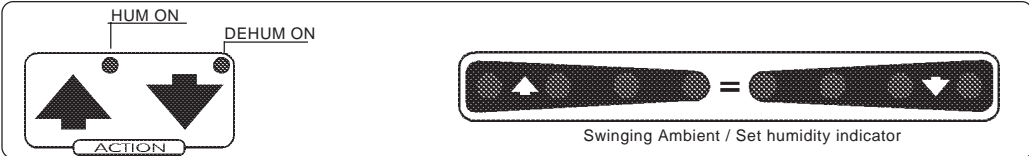
Power off the processor, press **+** key and keep it pressed giving power on:

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

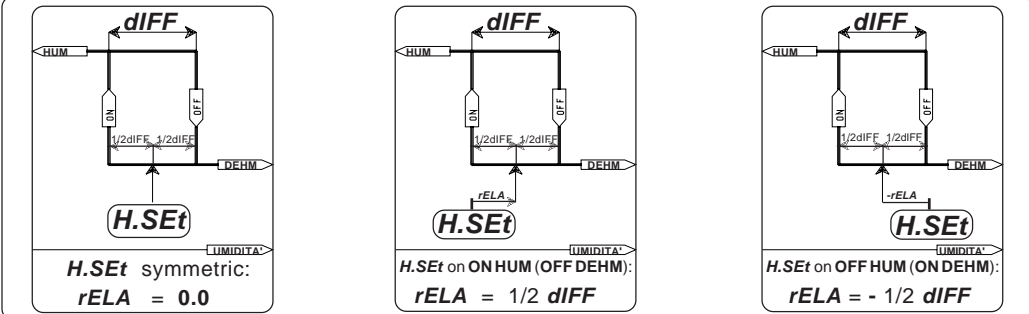
Push **+** (1 is displayed) and push **SET** for activating relay.

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

STATE INDICATION LAMPS



OPERATIVE DIAGRAMS



INSTALLATION

How to connect the sensors

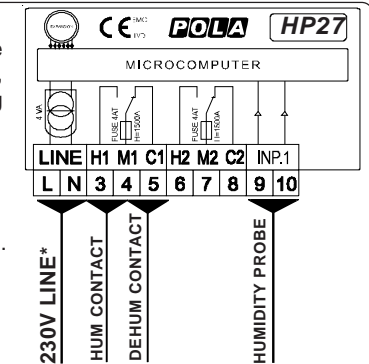
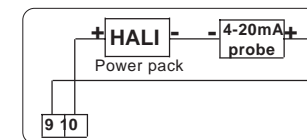
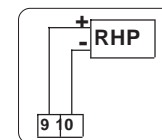
Connect the sensor provided as shown in the diagram. For remote connections use a standard 0.5-square millimeter two-pole wire, taking great care over the connections, by insulating and sealing the joins carefully.

How to connect the line

Connect 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).



* Other power voltage if you required.

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