

PRESET PROGRAMS (Bootstrap)



This processor is already programmed with the following (variable) settings. To return to these settings at any time you may:
Power off the processor, press **PRESS** key and keep it pressed giving power on: **boot** message will be displayed (release now **PRESS** key).

$t.min = 10.0^\circ$ $t.maS = 35.0^\circ$ $P.min = 5P$ $P.maS = 30P$
COST value are shown in **COST** paragraph.

INSTALLATION

How to connect the temperature sensors

Connect line on terminals 7-8.

Use a standard 0.5-square millimeter two-pole wire, 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.

How to connect DP59/W-HP59/W air pressure transmitter

Connect line on terminals 9-10 (do keep the correct polarity).

Connect the sensor provided as shown in the diagram.

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 Gt Farm signal

Connect line on terminals 11-12.

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.

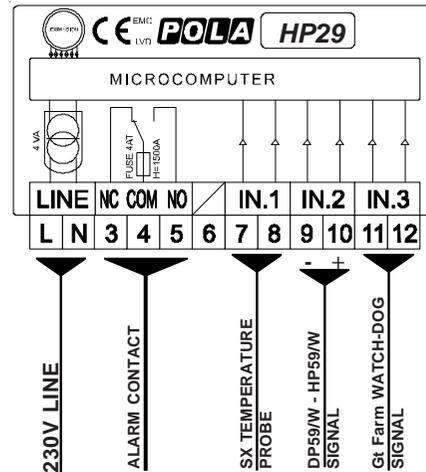
Connect line on terminals L-N.

Protect supply with adequate fuse.

How to connect the outputs.

Connect terminals on the terminal block (contacts up to 4AMP.AC1) to the loads as shown in the diagram.

Use the alarm contact as independent alarm from the ventilation control alarm.



Connect in parallel to terminals 7-8 of air pressure transmitter (do keep the correct polarity)

Alarm contact:

3-4 are closed for intervention alarm or for black-out

4-5 are open for intervention alarm or for black-out

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.



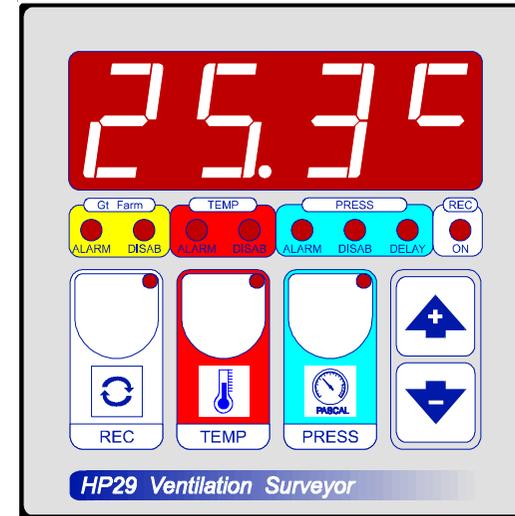
050413

HP29

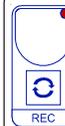
SL 4.8

Ventilation Surveyor

Handbook



DISPLAY OF ALARMS IN MEMORY



When pressing **REC** on the screen it will be displayed the type of alarm which has been triggered alternated with the time since the alarm has been on.

Press **REC** to go on in the recording program (recording is deleted after 48 hours). Black-outs are not registered and are not considered in the calculation of elapsed time alarm.

Gt Farm alarm connection

AL.GT

Minimum temperature alarm

T.N.in

Maximum temperature alarm

T.N.AS

Minimum air pressure alarm

P.N.in

Maximum air pressure alarm

P.N.AS

SETTINGS



TEMPERATURE ALARM SETTING

Press **TEMP** (key lamp flashes):

This message will be displayed instead of the ° Set Minimum alarm temperature .

Press + or - to modify, press **TEMP** to confirm.

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At this point: this message will be displayed instead of the ° Set Maximum alarm temperature.

Press + or - to modify, press **ALARM** to exit.

F.7A5



AIR-PRESSURE ALARM SETTING

Press **PRESS** (key lamp flashes):

This message will be displayed instead of the Set Minimum alarm air-pressure*.

Press + or - to modify, press **TEMP** to confirm.

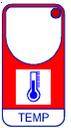
P.7 17

This message will be displayed instead of the Set Maximum alarm air-pressure*.

Press + or - to modify, press **TEMP** to exit.

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DISPLAY OF TEMPERATURE AND AIR-PRESSURE



By pressing the **TEMP** lamp the display will show the current ambient temperature (press **TEMP** in case lamp is off).



By pressing the **PRESS** lamp the display will show the current air pressure (press **PRESS** in case lamp is off)*.

* Note: display and Setting for air pressure can be expressed either in **Pascal** or in **mmH20** (as per **COST-Press** setting).

25P

Pressure displayed in Pascal (example).

257

Pressure displayed in mmH2o (example).

ALARM EXCLUSION



TEMPERATURE ALARM EXCLUSION

Press the **TEMP** key for longer than 2 secs (**DISAB** lamp is then blinking as confirmation).

To re-activate alarm press **TEMP** for more than 2 secs.



AIR PRESSURE ALARM EXCLUSION

Press the **PRESS** key for longer than 2 secs (**DISAB** lamp is then blinking as confirmation).

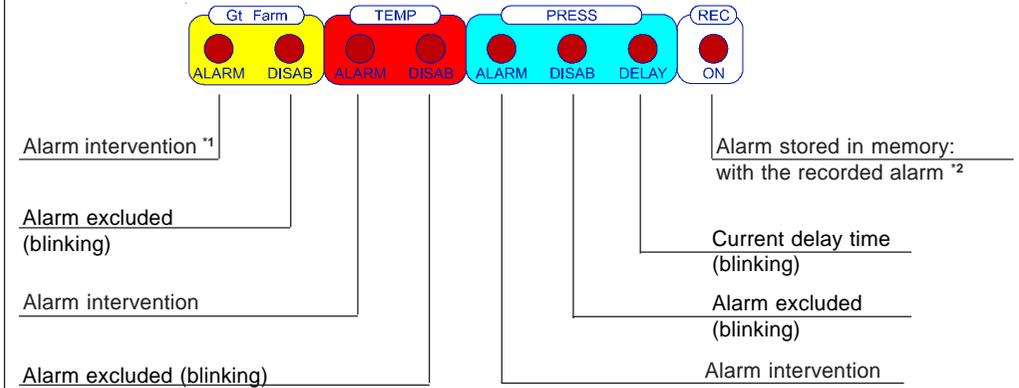
To re-activate alarm press **TEMP** for more than 2 secs.



Note: when both these alarms are excluded, the "connection to **Gt Farm**" is excluded as well and the **DISAB** lamp is blinking as confirmation.



STATE INDICATION LAMPS



*1 This alarm checks every 3 min the proper functioning of the **Gt Farm** peripherals and it's activated whenever anyone of them is not working for longer time than 3 min.

*2 Signal is switched off whenever any key is being hit.

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 then repeatedly **PRESS** until the message regarding the chosen variable is displayed (see table below) : value of variable and message will be displayed. Press + or - to set a new value and then press **PRESS** to confirm.



The next system constant will then appear. You can press **PRESS** for at least 2 seconds to exit and return to the Run Mode.

Mess.	Value	Meaning	Note
dEL.L	11'	Minimum pressure alarm delay (in minutes)	*1
dEL.H	1'	Maximum pressure alarm delay (in minutes)	
Gt.AL	=2	Gt Farm activation alarm	*2
hour	48.0h	Alarm memory timing reset	*3
Ad.Pr	0	Sensor pressure correction (+ or -)	
Ad.tE	0.0 °	°Sensor temperature correction (+ or -)	
tEnP	=1	Temperature representation (=1: °C, =2: °F)	
Press	=1	Pressure representation (=1: Pascal, =2: mmH2o)	

*1 Check it's bigger in value than the Air changes timing cycle as programmed on **Gt Farm** otherwise the min pressure alarm will be activated by the air changes. The maximum pressure alarm is delayed instead of 1 minute (fixed time).

*2 =0 Gt Farm watchdog deactivated
 =1 Gt Farm watchdog activated on 1 cycle (3 minutes)
 continue till to...
 =5 Gt Farm watchdog activated on 5 cycle (15 minutes)

*3 The alarms recording are being kept in memory for this number of hours and then are deleted.