

## W3230 温度控制器使用说明书

温度控制范围：-55℃~120℃

温控精度：0.1℃

显示颜色：红色+蓝色

工作电源：DC12V DC 24V AC110V~220V

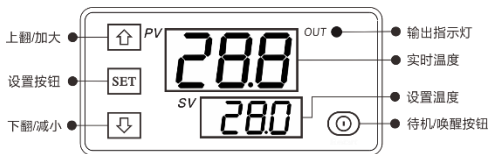
传感器：NTC 10K 1米（含探头）

产品尺寸：79.2mm×41.9mm×26.3mm

开孔尺寸：72.1mm×39.2mm

产品重量：52g（12V/24V），59g（110V~220V）

操作及显示面板



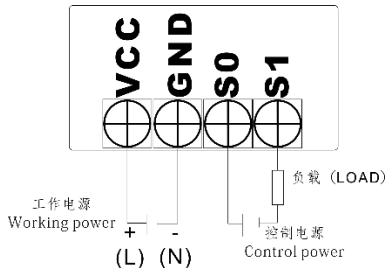
代码	项目	设定范围	出厂设置
P0	加热/制冷	H/C	C
P1	回差	0.1℃~30℃	0.1℃
P2	设置温度上限	-55℃~120℃	120℃
P3	设置温度下限	-55℃~120℃	120℃
P4	温度校正	-10℃~10℃	0℃/0°F
P5	延时启动	0-10分钟	0
P6	高温警报	-55℃~120℃	120℃
P7	数据锁定	ON/OFF	OFF
P8	恢复出厂设定	ON/OFF	OFF

## 警告代码

代码	原因	解决方案
HHH	温度超过报警温度	温度下降至报警温度以下恢复正常
LLL	检测不到温度传感器	更换货重新连接温度传感器

## 操作指南

- 短按“SET”小数码管闪烁，按“△”或“▽”设置目标温度，按“待机”键或3秒内无操作保存设置。
- 长按“SET”进入代码设置模式，按“△”或“▽”切换代码，选定后短按“SET”进入代码设置，设置后按“待机”键或3秒内无操作保存设置。
- 停机后默认保存最后一次参数设置。
- 恢复出厂设置：按住“SET”通电。
- 模块通电时直接启动，通电后长按“待机”键，模块进入“休眠”或“唤醒”；如遇停电，电力恢复后模块自动运行，无需人工启动。



**\*\*工作电源电压务必按照标签标准电压接入，否则容易损坏模块。**

## W3230 Temperature controller instruction manual

Temperature control range:  $-55^{\circ}\text{C}\sim 120^{\circ}\text{C}$

Temperature control accuracy:  $0.1^{\circ}\text{C}$

Display color: red + blue

Working power supply: DC12V DC 24V AC110V $\sim$ 220V

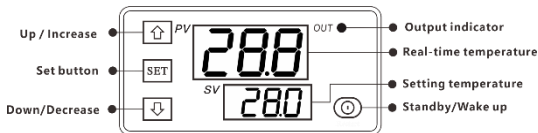
Sensor: NTC 10K 1 meter (with probe)

Product Size: 79.2mm $\times$ 41.9mm $\times$ 26.3mm

Hole Size: 72.1mm $\times$ 39.2mm

product weight: 52g (12V/24V) , 59g (110V $\sim$ 220V)

Operation and display panel



Code	Function	Set range	Default
P0	Heat/Cool	H/C	C
P1	Backlash	$0.1^{\circ}\text{C}\sim 30^{\circ}\text{C}$	$0.1^{\circ}\text{C}$
P2	Set upper limit	$-55^{\circ}\text{C}\sim 120^{\circ}\text{C}$	$120^{\circ}\text{C}$
P3	Set lower limit	$-55^{\circ}\text{C}\sim 120^{\circ}\text{C}$	$120^{\circ}\text{C}$
P4	Calibration	$-10^{\circ}\text{C}\sim 10^{\circ}\text{C}$	$0^{\circ}\text{C}$
P5	Delayed start	0-10min	0
P6	Alarm temperature	$-55^{\circ}\text{C}\sim 120^{\circ}\text{C}$	$120^{\circ}\text{C}$
P7	Data lock	ON/OFF	OFF
P8	Factory reset	ON/OFF	OFF

## Warning code

Code	Reason for error	Solution
HHH	Temperature exceeds alarm temperature	The temperature drops below the alarm temperature and returns to normal.
LLL	No temperature sensor detected	Replacement reconnect temperature sensor

## Operation guide

- Short press "SET" small digital tube to flash, press " $\Delta$ " or " $\nabla$ " to set the target temperature, press "Standby" button or no operation to save the setting within 3 seconds.
- Press and hold "SET" to enter the code setting mode, press " $\Delta$ " or " $\nabla$ " to switch the code. After selecting, press "SET" to enter the code setting. After setting, press "Standby" button or no operation to save the setting within 3 seconds. .
- The last parameter setting is saved by default after shutdown.
- restore the factory settings: press and hold "SET" to power on.
- When the module is powered on, it will start directly. After power-on, press and hold the "standby" button, the module will enter "sleep" or "wake up" ; in case of power failure, the module will run automatically after power recovery, no need to start manually.

**\*\*The working power supply voltage must be connected according to the standard voltage of the label, otherwise the module will be damaged easily.**