

XH-W1209 Temperature sensor module

How to operate:

After wire ,then can supply power to the device, display ambient temperature. Press SET key a time, screen flash the temperature. press key of + – to set the desired temperature. (long-time to press key of + – to get a quick setting). after set the temperature, press SET to confirm and return, then the controller automatically do power- on or power-off Relay. The thermostat output 10A relay to meet a variety of high-power load, please sure to connect the correct circuit.

Indicator light, digital tube and buzzer status

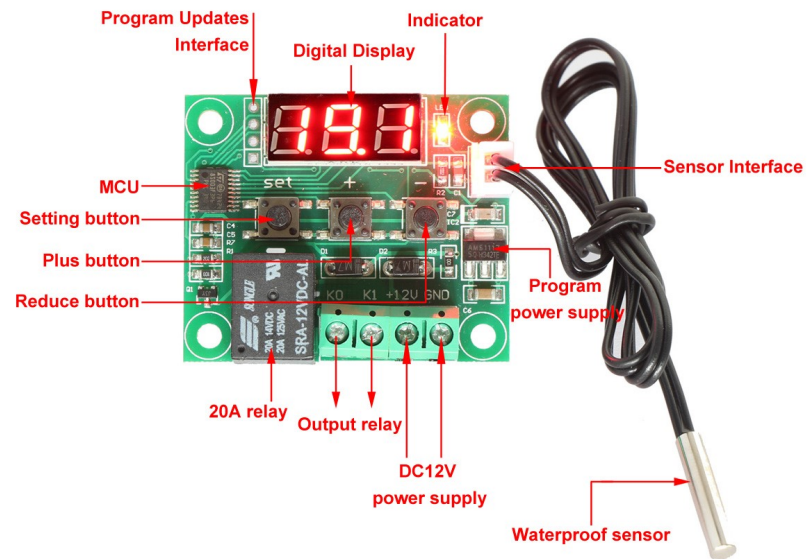
Indicator light: Flashing indicates the cooling or heating delay-start . If the indicator is on, it indicates that the relay is closed

Digital tube: display “LL” means sensor is connected; display “HH” means over the measuring range, then the thermostat is force to disconnect the relay; display “—” means high temperature alarm.

Long-time press SET ket 5 seconds, then enter main setting menu, press + – key to change P0 to P8.Long-time press SET key or no any press 10seconds,automatically confirm and return.

Code	Indicating	Set range	Initial Setting
P0	Mode set (Heating or Cooling)	C/H	C
P1	Set return difference	0.1-15	2
P2	Up limit	110	110
P3	Down limit	-50	-50
P4	Temp. Adjust	-0.7-7□	0
P5	Delay start time	0-10 minutes	0
P6	High temp.alarm	0-110□	off

At “OFF” state, Long press + -,start and then recovery to inital set



Complete technical parameters of temperature controller XH-W1209:

- Control range: -50*-110 degrees Celsius
- Resolution: the -9.9-99.9 of 0.1 degrees Celsius, 1 degrees Celsius temperature section of the other
- Accuracy of temperature: 0.1 degrees
- The control accuracy: 0.1 degrees Celsius
- Return difference accuracy: 0.1 degrees Celsius
- The refresh frequency: 0.5s
- High temperature protection: 0-110 degrees Celsius
- Input voltage: DC 12V
- Measurement of the input: NTC (10K 0.5%) waterproof type sensor
- The output range: 1 10A relay
- Environmental requirements: -10-60 degrees Celsius, humidity: 20%-85%
- Size: 48*40mm
- Power consumption: static current: <=35MA operating current: <=65MA
- Display type: 0.28 inch three digital tube