5V 12V 2-3Wire 10cm/40cm(Fan shutdown function at low temperature)

Note:

- 1. This controller supports 2-3 wire fan temperature control and speed regulation with DC 5V-12V current not exceeding 0.9A, through smooth voltage reduction control, and supports low temperature shutdown of the fan power.
- 2. Please note that the power supply voltage must match the fan voltage!
- 3. For wiring, please pay attention to the positive and negative polarity of input! If the connection is reversed, the circuit board "FUSE bit" may be burnt

Basic parameters:

Working voltage: DC 5-12V (board working range DC 4.6-13.5V, over-range protection)

Control fan current: 0.1-0.9A (lower than 0.1A fan control effect is poor)

Circuit self-consumption: 10-30mA

Temperature probe model: 50K B=3950 Circuit operating temperature: -10°C to 60°C

Probe temperature resistance: small blackhead 120°C, ring probe 110°C

Board size: 54mm*13mm*8mm (without interface), the fan interface extends 7mm

Factory default settings: basic speed control output Po=35%, acceleration temperature Tu=30°C, temperature control interval Td=5°C (35°C full speed), and the fan does not shut down when the temperature is low.

note:

- 1. The fan current cannot exceed 0.9A
- 2. The controller does not participate in speed measurement
- 3. Do not connect the reverse polarity!!

Board operating voltage range: DC 4.5-13.5V

Abnormal status indication:

No output "1" light flashes quickly: power supply voltage is too low

No output "3" light flashes quickly: power supply voltage is too high

Package Included:

1 fan temperature control speed controller





