



On / Off Temperature Controller TC - 10

The TC-10 is an ON /OFF temperature controller with dual display and digital calibration. This instrument has been designed with the latest integrated chip technology which could help to minimize the components of the instruments. So the breakdown rate of the instruments due to component failure has been reduced to zero.

The calibration and linearity of the temperature is controlled through software and so the mechanical preset for the temperature calibration has been eliminated. There is no need to calibrate every year as it is guaranteed for at least five years. The calibration cannot be altered by anyone on the site as it is password-protected.

The instrument's dual display also shows both actual and set temperature simultaneously. The temperature can be set by pressing the  /  key.

Other Specification

- 1) Input supply: 150-270 VAC.
- 2) Details of out put relay: SPDT, Goodsky RWH-SH-112D, Load 1Amp/240VAC.
- 3) Size of the enclosure: 96x96x85, Cut out of panel 92x92.
- 4) Temperature range: 0 – 300 degree.
- 5) Display: 6 digits, size ½ x ¾ inch and 7 segment with red color.
- 6) Temperature sensing probe: PT 100
- 7) Resolution: 1 degree
- 8) Status indication: LED for relay status
- 9) Sensor break protection: Auto switch off on sensor break, "OPEN / SHORT will be displayed.

Wiring Diagram

C	NO	NC				S1	S2	
P	N	E						

- C : RELAY COMMON S2 : PT100 SENSOR
NO : NORMALLY OPEN P : PHASE
NC : NORMALLY CLOSED N : NEUTRAL
S1 : PT100 SENSOR E : EARTH