

TEMPSEN SOLUTION PARTNER IN CONTROLLER TECHNOLOGY

Universal Temperature Controller

TUTC Series

The Digital Universal Temperature controller accept input RTD, Thermocouple(J/K). The controller suitable for multi range temperature application. The controller have ON/OFF and T.P control action. The inputs passed through suitable filters to eliminate unwanted signals. Low Thermal drift operational amplifier ensures good stability. Control set Point can be set feather touch keys .TUTC are available in many models/Sizes. LED display provide visual status of the relay.The instrument is housed In a compact Plastic case . AC Mains Voltage Operated Cold junction compensation is standard feature in Thermocouple input.



Tempsen also offers two set controller with multifunction, Duel display for SV, Freezer application is also available. To avoid overshoot controller with time PD Function is offered. Large display (1",2",4") controller is available.

The controller is compact size, priced very competitive. The unit can be drawn from the front for Easy servicing. Product Quality Certified.

Technical Data

Input	: RTD/J/K
Display Range	: As per Input
Display	: 3 ½ Digit LED seven segment Display
Accuracy	: 0.25 % ± digit of span
Control Output	: Relay (max5A) and Voltage
Operating Voltage	: 230 VAC
Bezel Dimension	: 48X48,48X96 or 72X72 or 96X96 mm
Operating Conditions	: Temperature : 0 to 50 °C, Humidity : 0 to 80 % Rh

Ordering Guide

Model : TUTC Series

Order Example TUTC-1123113

Code	1	2	3	4
Operating Voltage	230 VAC	110VAC	85-270VAC	Others
Input	RTD/J/K	Only TC	Only RTD	-
Control Output	Relay	Relay/SSR	230 VAC	Others
Control Action	ON/OFF	T.P	TP,ON/OFF	Others
Controller	Single Output	Duel Output	Timer Output	Others
Display	Single	Duel	-	Others
Bezel Size	48X48 mm	72X72 mm	96X96 mm	48X96 mm



Since 1987

TEMPSEN DEVICES

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