



**Main Features:**

- ✓ 3½ Digit 7 Segment LED Display
- ✓ Highly Accurate
- ✓ Cold Junction Compensated
- ✓ Auto Linearization
- ✓ Scan Time Adjustment
- ✓ Channel Indication By FND & LED
- ✓ Channel Termination Using Dip Switch Selection

**Operation**

The instrument's front panel consist of a 3½ digit 7- segment display with 14.3mm ½ RED FNDs. The display indicates process value. Probe failure indication by displaying ± 1 indication.

**Auto / Manual Switch**

Auto / manual switch is used for select to, either auto mode is selected then channel temperature will display one by one automatically, according to time setting using "set" knob (thumb wheel). But if manual mode is selected then particular channel temperature will display.

**SELECTOR Switch**

When manual mode is selected to display a particular channel temperature then this selector switch is used to shift from one to next channel.

**DIP Switch Selection**

There is also a dip switch provided on above the thumb wheel switch. It is used for terminating the scan if not last all channels are used.

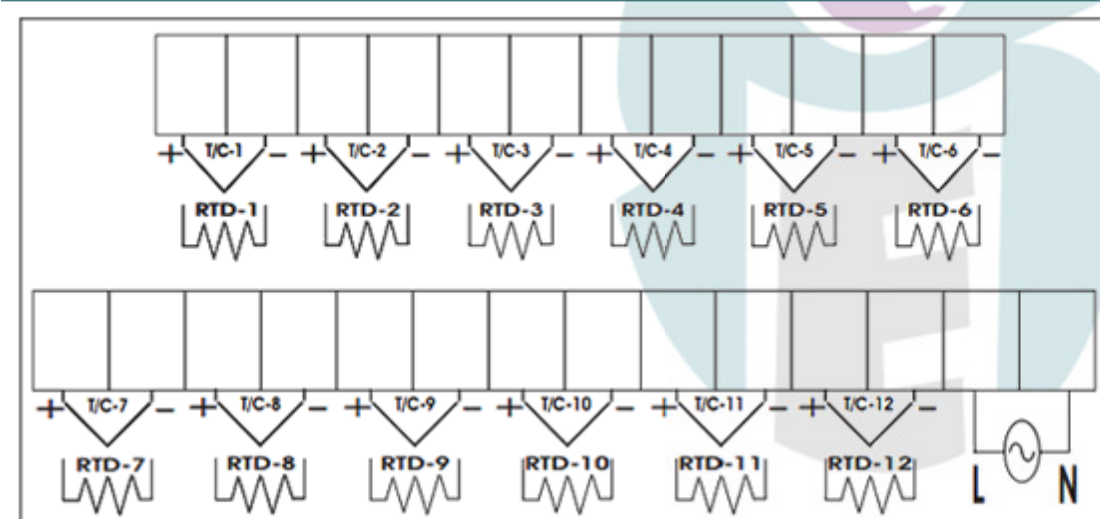
**Specification**

Accuracy	: 0.25% FS ±1 Digit
Display	: 3½ Digits, 7Segment RED FND, IN 14.3mm Height.
Power Supply	: 220 VAC ±10%, 50Hz.
Enclosure	: Metal, 190x96x200mm ( WHD ) With Two Mounting Clamps.
Environmental Operating Conditions	: Ambient Temperature 50° C, Humidity 90% Rh. max.

**Input/ Range Chart (for Odering Information Purpose)**

Input Type	Range Limit	Resolution
Pt-100 RTD (3Wire)	-199.9°C to +199.9° C	0.1° C
Pt-100 RTD (3Wire)	0°C to +199.9° C	0.1° C
Pt-100 RTD (3Wire)	0°C to +400° C	1.0° C
Fe-Const Thermocouple (ANSI J)	0°C to +600° C	1.0° C
Cr-Al Thermocouple (ANSI K)	0°C to +1200° C	1.0° C
Pt-PtRh (13%) Thermocouple (ANSI R)	0°C to +1600° C	1.0° C
Pt-PtRh (10%) Thermocouple (ANSI S)	0°C to +1750° C	1.0° C

**Back Terminal Connection**



**Ordering Information for Model Selection**

<b>DTS 804</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>
	<b>Input</b>	<b>Resolution</b>	<b>Output 1</b>	<b>Output 2</b>	<b>Output 3</b>	<b>No of Channel</b>	<b>Enclosure Material</b>
	'J' "J" Type T/C	'1' for 0.1° C	'#' for NONE	'#' for NONE	'#' for NONE	'2' for 2 nos. Channel	'M' for Metal
	'K' "J" Type T/C	'2' for 1.0° C				'4' for 4 nos. Channel	
	'R' "J" Type T/C					'6' for 6 nos. Channel	
	'S' "J" Type T/C					'8' for 8 nos. Channel	
	"Pt" "Pt-100" Type RTD					'10' for 10 nos. Channel	
						'12' for 12 nos. Channel	
<b>DTS 804</b>	<b>K</b>	<b>2</b>	<b>#</b>	<b>#</b>	<b>#</b>	<b>12</b>	<b>7</b>
	<b>Input</b>	<b>Resolution</b>	<b>Output 1</b>	<b>Output 2</b>	<b>Output 3</b>	<b>No of Channel</b>	<b>Enclosure Material</b>
	'K' "J" Type T/C	'2' for 1.0° C	'#' for NONE	'#' for NONE	'#' for NONE	'12' for 12 nos. Channel	'M' for Metal