



Features

- Selectable sensor Input (T/C & RTD)
- Input Signal Conditioning (Digital Filter & Zero Offset)
- Program Lock function
- Universal supply voltage (90 to 270 VAC)
- 24 VDC Available on Request

Display Specification

Digits		: 4 Digits Single Row 7 Segment LED Display				
Height	Model	TI-33	TI-44	TI-77	TI-88	TI-99
PV (RED)		0.39"	0.30"	0.39"	0.56"	0.56"

Input Specification

Sensor Input	: Thermocouple - J, K, R, S, N, T, B RTD - Pt-100
Resolution	: T/C - 1°C & Pt-100 - 1°C / 0.1°C
Accuracy	: 0.3% FS
Temperature Unit	: °C
Sampling Rate	: 250msec

Output Specification

None

Auxiliary Supply Specification

Supply Voltage	: 90 - 270 VAC (24 VDC Available on Request)
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Environmental Specification

Temperature	: Operating - 0 to 50°C
Storage	: -20° to 75°C
Humidity	: 95% RH (Non-condensing)

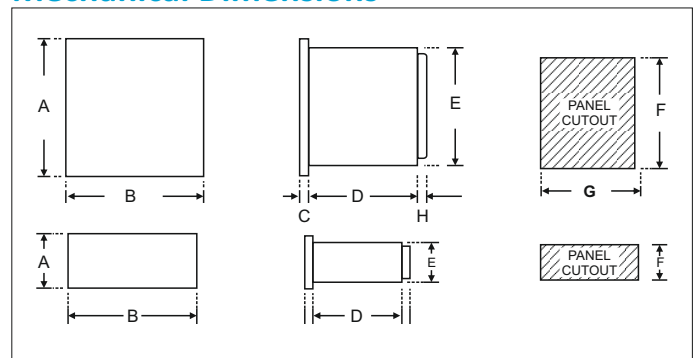
General Specification

Model	TI-33	TI-77	TI-77	TI-77	TI-99
Weight (Gms)	200	240	240	240	240

Certification

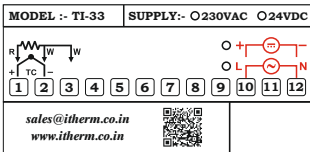
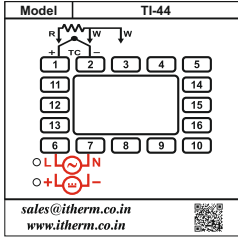
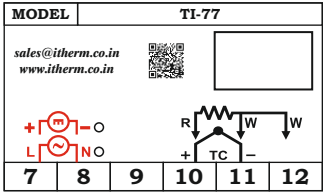
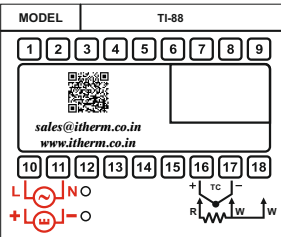
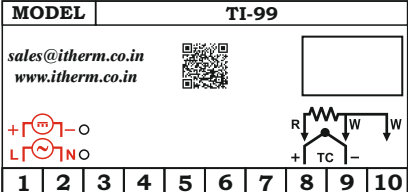
None

Mechanical Dimensions



Dim Model	A	B	C	D	E	F	G	H
TI-33	36	72	5	79	21	32	68	9
TI-44	48	48	3	70	45	45	45	9
TI-77	72	72	10	65	66	68	68	9
TI-88	48	96	10	53	43	44	92	9
TI-99	100	100	4.5	50	89	90	90	9

Terminal Diagram

 TI-33	 TI-44	 TI-77
 TI-88	 TI-99	

Order Code : TI-XX

Size	No. Of Digits
3 (36X72X79)	TI-33
4 (48X48X78)	TI-44
7 (72X72X65)	TI-77
8 (48X96X53)	TI-88
9 (100X100X50)	TI-99

Input Sensor Range

Sensor Input	Range	Resolution	Accuracy
Fe-k(J) T/C	0 ~ 760 °C	1 °C	± 1 °C
Cr-AL(K) T/C	-99 ~ 1300 °C	1 °C	± 1 °C
(R) T/C	0 ~ 1700 °C	1 °C	± 1 °C
(S) T/C	0 ~ 1700 °C	1 °C	± 1 °C
TC - N	-99 ~ 1300°C	1 °C	± 1 °C
TC - T	-99 ~ 400°C	1 °C	± 1 °C
TC - B	0 ~ 1800°C	1 °C	± 1 °C
Pt-100(RTD)	-100 ~ 450 °C	1 °C	± 1 °C
Pt-100(RTD.1)	-99.9 ~ 450.0 °C	0.1 °C	± 0.3 °C