



Features

- User Selectable Analog Input
- Programmable Analog Range (-1999 to 9999)
- Program Lock function
- User Calibration Available
- Universal supply voltage (90 to 270 VAC)
- 24 VDC Available on Request

Technical Specifications

Display Specification

Digits	4 Digits Single Row 7 Segment LED Display			
Height \ Model	PI-44	PI-77	PI-88	PI-99
PV (White)	0.36"	0.56"	0.56"	0.56"

Input Specification

Analog Input	0-1 VDC, 0-3.3 VDC, 0-5 VDC 0-10 VDC, 0-20 mA, 4-20 mA
Resolution	1 / 0.1 / 0.01 / 0.001
Accuracy	0.3% FS
Sampling Rate	250 m Sec

Keys

4 Controlling keys for configuration and operation

SET  SHIFT  UP  DOWN 

Environmental Specification

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

General Description

Model	PI-44	PI-77	PI-88	PI-99
Weight (Gms)	120	170	150	180
Enclosure	Molded ABS			
Color	Black			
Accessories	1 Pair of Mounting clamp			
Terminal Cable Size	Barrier Type terminal cable Size (2.5 mm ²)			



Make In India



Accurate



Reliable



Affordable



User Friendly

Functional Specification

Analog Input Logic	Direct / Reverse
Process Value Offset	-25 to 25
Input Filter	1 to 10

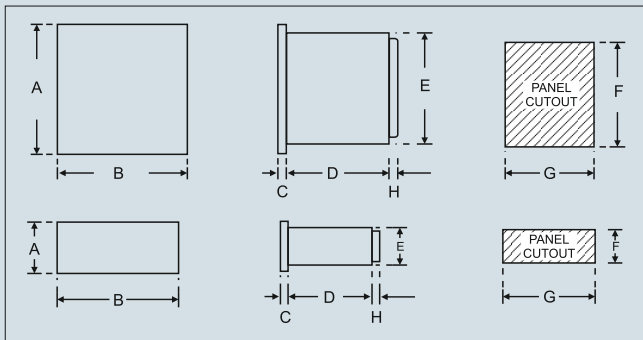
Auxiliary Supply Specification

Supply Voltage	90 - 270 VAC (24 VDC Available on Request)
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Certification

None

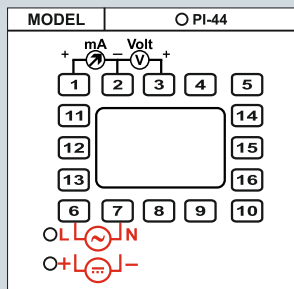
Mechanical Dimensions



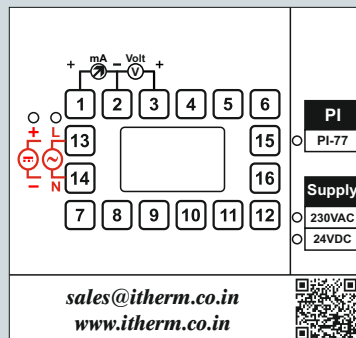
Mechanical Dimensions

Model	Dim A	Dim B	Dim C	Dim D	Dim E	Dim F	Dim G	Dim H
PI-44	48	48	8	78	43	44	44	9
PI-77	72	72	10	65	66	68	68	9
PI-88	48	96	10	53	43	44	92	9
PI-99	96	96	10	53	89	92	92	9

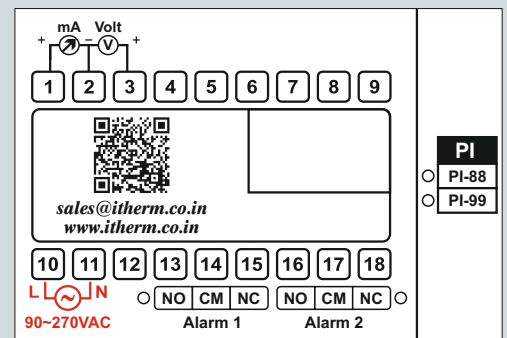
Terminal Diagram



PI-44



PI-77



PI-88/99

Order Code : TI-XX

Size	No. Of Digits
44 (48X48X78)	PI-44
77 (72X72X65)	PI-77
88 (48X96X53)	PI-88
99 (100X100X50)	PI-99

Input Sensor Range

Sensor Input	Range	Resolution	Accuracy
0 ~ 20 mA	-1999 to 9999	1 / 0.1 / 0.01 / 0.001	 + 0.1 % of Full Scale
4 ~ 20 mA	-1999 to 9999	1 / 0.1 / 0.01 / 0.001	
0 ~ 1 VDC	-1999 to 9999	1 / 0.1 / 0.01 / 0.001	
0 ~ 3.3 VDC	-1999 to 9999	1 / 0.1 / 0.01 / 0.001	
0 ~ 5 VDC	-1999 to 9999	1 / 0.1 / 0.01 / 0.001	
0 ~ 10 VDC	-1999 to 9999	1 / 0.1 / 0.01 / 0.001	