



### Features

- Universal Sensor Input
- Programmable Analog Range (-1999 to 9999)
- User Calibration Available for Analog Inputs
- Program Lock function
- Supply Voltage : 230 VAC

### Technical Specifications

#### Display Specification

Digits	4 Digits Single Row 7 Segment LED Display	
Height	Model PI-JD-2	PI-JD-4
PV (White)	2.7"	4"

#### Keys

4 Controlling keys for configuration and operation



#### Input Specification

Sensor Input	Thermocouple - J,K,R,S,N,T,B RTD - Pt-100
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	250msec

#### Functional Specification

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

#### Environmental Specification

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

#### Auxiliary Supply Specification

Supply Voltage	90 - 270 VAC (24 VDC Available on Request)
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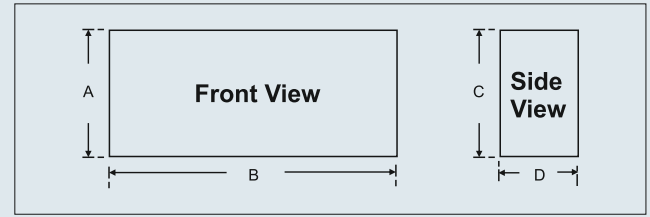
## General Description

Model	PI-JD-2	PI-JD-4
Weight (Gms)	1.5 Kg	4.25 Kg
Enclosure	Molded ABS	
Color	Black	
Accessories	1 Pair of Mounting clamp	
Terminal Cable Size	Barrier Type terminal cable Size ( 2.5 mm <sup>2</sup> )	

## Certification

None

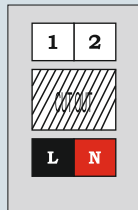
## Mechanical Dimensions



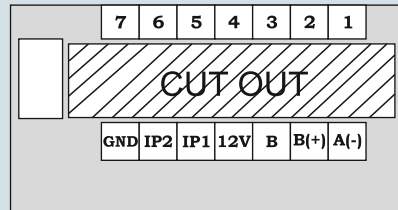
## Mechanical Dimensions

Model	Dim A	Dim B	Dim C	Dim D
PI-44X	120	230	120	80
PI-77X	165	390	165	50

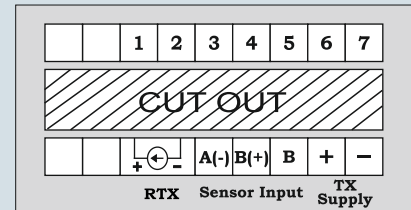
## Terminal Diagram



Supply



PI-JD-2 Input



PI-JD-4 Input

## Order Code : PI-JD-X- Series

Model	Size
PI-JD	2 Inch (120X230X80)
	4 Inch (165X390X50)

## Example : PI-JD-2

Model	Size
PI-JD	2 Inch (120X230X80)

## Input sensor Range

Sensor Input	Range	Resolution	Accuracy
Fe-k(J) T/C	0 ~ 760 °C	1	+1
Cr-AL-(K) T/C	-99 ~ 1300 °C	1	±1
(R)T/C	0 ~ 1700 °C	1	±1
(S)T/C	0 ~ 1700 °C	1	±1
TC-N	-99 ~ 1300 °C	1	±1
TC-T	-99 ~ 400 °C	1	±1
TC-B	0 ~ 1800 °C	1	±1
Pt-100 (RTD)	-100 ~ 450 °C	1	±1
Pt-100 (RTD 0.1)	-100.0 ~ 450.0 °C	0.1	±0.3
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	