

## Process Indicators

## PI-JD-2 / PI-JD-4



### Features

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

### Display Specification

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

### 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

### Auxiliary Supply Specification

Supply Voltage	: 230 VAC
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### Environmental Specification

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

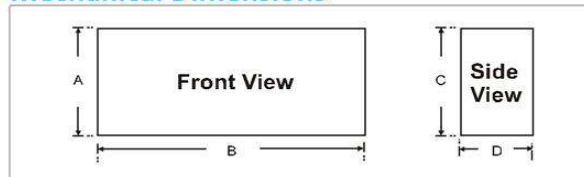
### General Description

Model	PI-JD-2	PI-JD-4
Weight (Gms)	1.5 Kg	4.25 Kg

### Certification

None
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### Mechanical Dimensions



Dim Model	A	B	C	D
PI-JD-2	120	230	120	80
PI-JD-4	165	390	165	50



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16, Bhaktinagar Station Plot, Rajkot-360 002. INDIA.

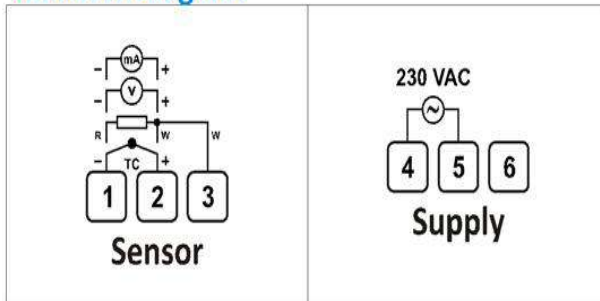
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### Terminal Diagram



### Order Code : PI-JD Series

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

### 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 0.1)	-100.0 ~ 450.0 °C	0.1 °C	± 0.3 °C
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	



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