

Technical Specification

Model	UTC-4201A
Display	UPPER:- 4 Digit 7 seg .39",red LED Display LOWER:- 4 Digit 7 seg .28",green LED Display
Size	48 X 48 X 95
Panel Cutout	44 X 44
Input	J, K, PT-100 (selectable)
Temperature Range	J: 0 to 600°C / K: 0 to 1200°C / PT-100: -99 to 400°C /PT.1: -99.0 to 400.0°C
Control Action	PID
Output 1	0 To 10V DC
Output 2	1 Relay (High/Low/Inband/Outband Alarm mode Selectable)
Power Supply	100 to 250V AC, 50 / 60 Hz smps

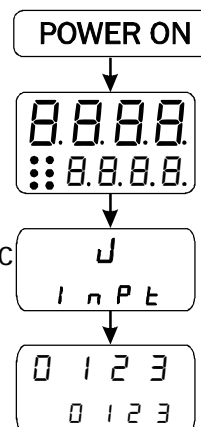
Note :

- 1) Press + key for 3 sec to go to Factory Setting mode.
- 2) Press key to go to next parameter.
- 3) Press or to enter value or to select option.
- 4) Every time the instrument is turned ON, following pattern will be displayed
- 5) When manual mode selected, using & key, we can enter output value 0 to 10V DC.

All digit segment will be turned ON for 3 sec

Previous or default sensor input will be display for 2 sec

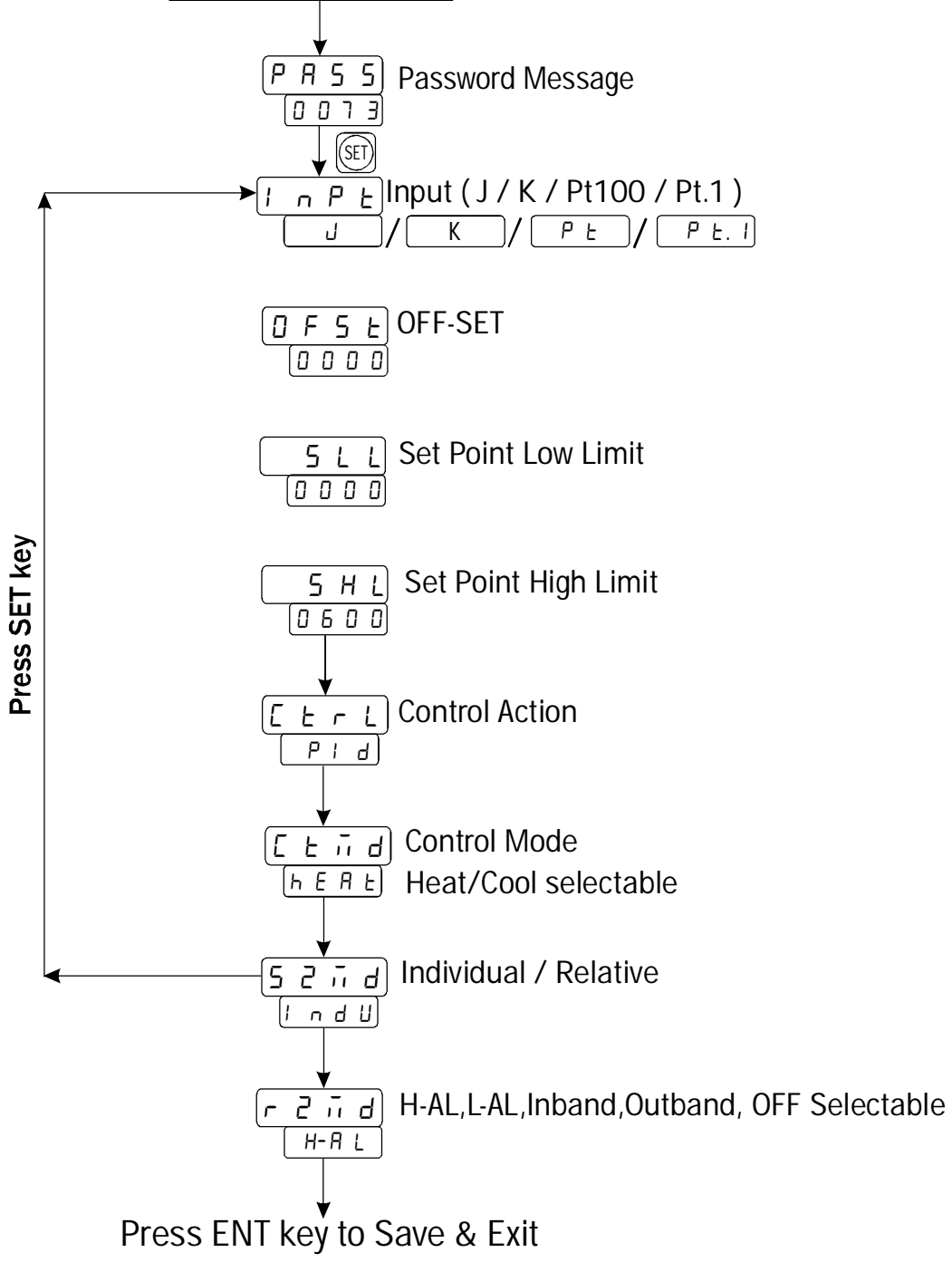
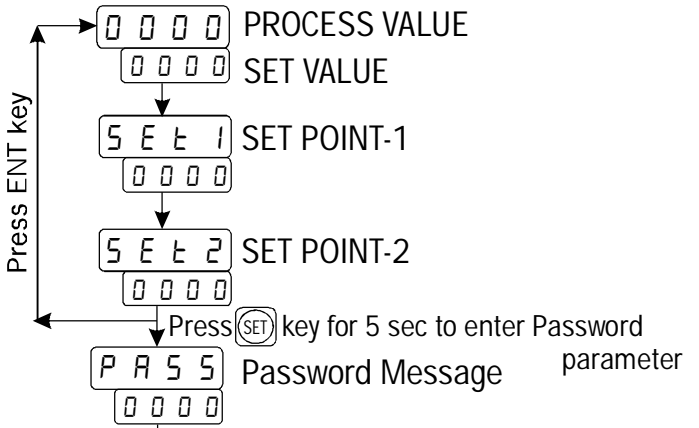
Process Value
Set Value







SET POINT SETTING

BASIC CONFIGURATION

TO ENTER BASIC CONFIGURATION SETTING, ENTER "73"

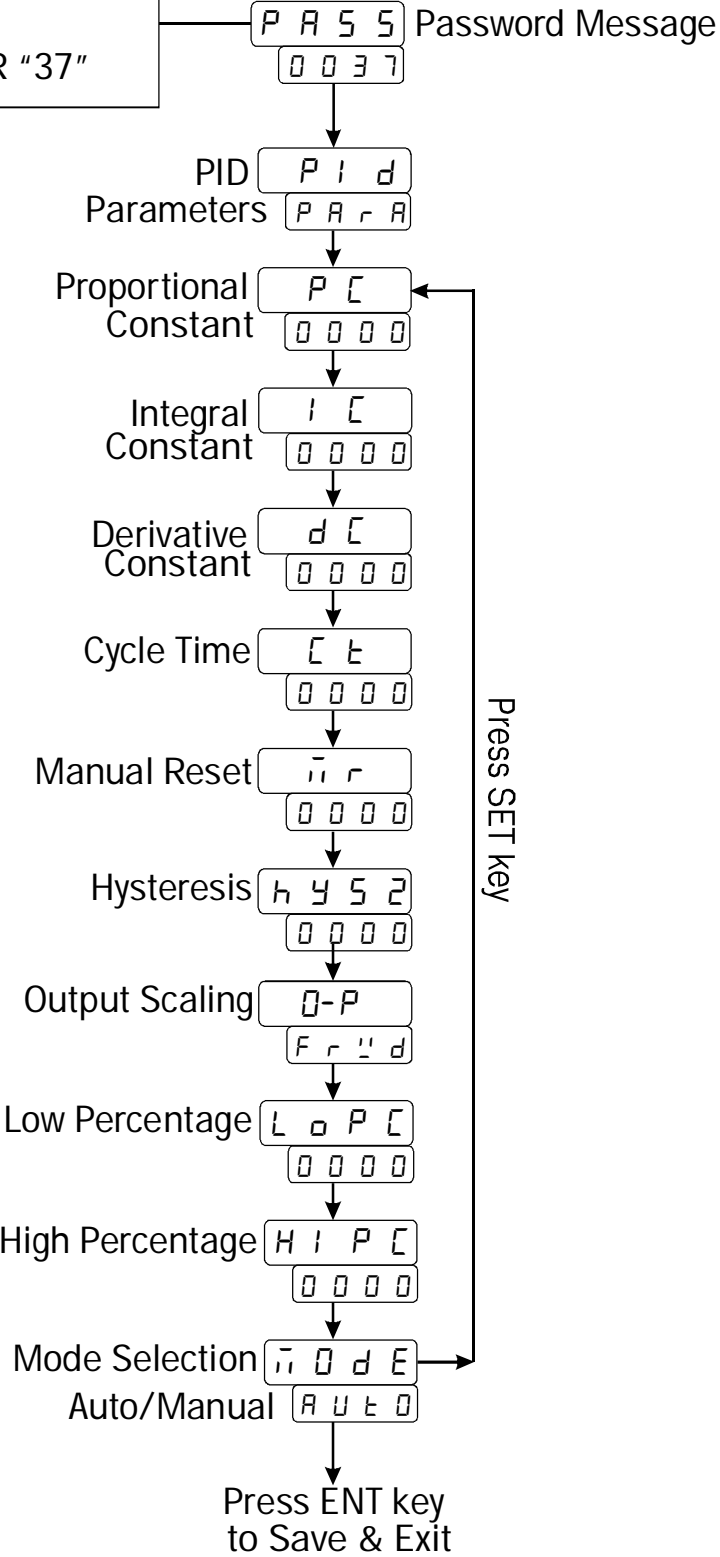


Note :

- 1) Press  key to enter into an internal setting
- 2) Press  key to go to next parameter.
- 3) Press  or  key to enter value or to select option.

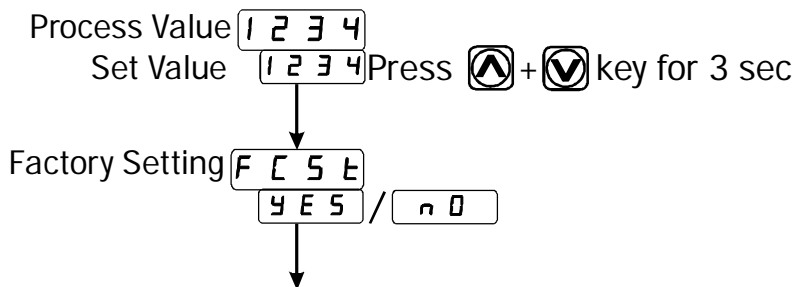
CONTROL PARAMETER

TO ENTER CONTROL PARAMETER SETTING, ENTER "37"



Sr.	Parameter	Range for J, K, PT100	Range for PT.1 sensor
1	PC	00.00 to 99.99	
2	IC	0.000 to 9.999	
3	DC	0 to 9999	
4	CT	4 sec to 99 sec	
5	MR	-9 to +9	-9.0 to +9.0
6	Hysteresis	1°C to 50°C	0.1°C to 50.0°C
7	Off-set correction	-20°C to +20°C	-20.0°C to +20.0°C
8	Output Scaling	Forward /Reverse Sele.	
9	Low Percentage	00 to high percentage	
10	High Percentage	Low percentage to 100	
11	Mode Selection	Auto/Manual	

FACTORY SETTING



4E5 : Press key to apply factory set values as shown in table.
n0 : Press key to escape from factory setting.

FACTORY SETTING		
SR.	PARAMETER	VALUES
1	PC	05.00
2	IC	0.225
3	DC	25
4	CT	6 sec
5	MR	0°C
6	OFFSET	0°C
7	Output scaling	Forward
8	Low (%)	000%
9	High (%)	100%
10	Mode	Auto

1) Connection Diagram with Relay Output.:

