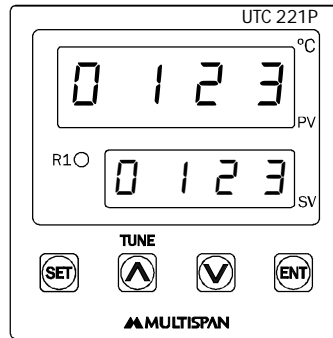
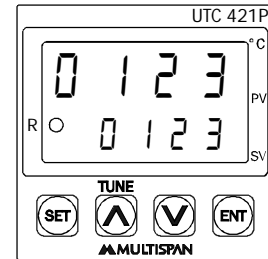


UTC 121P



UTC 221P



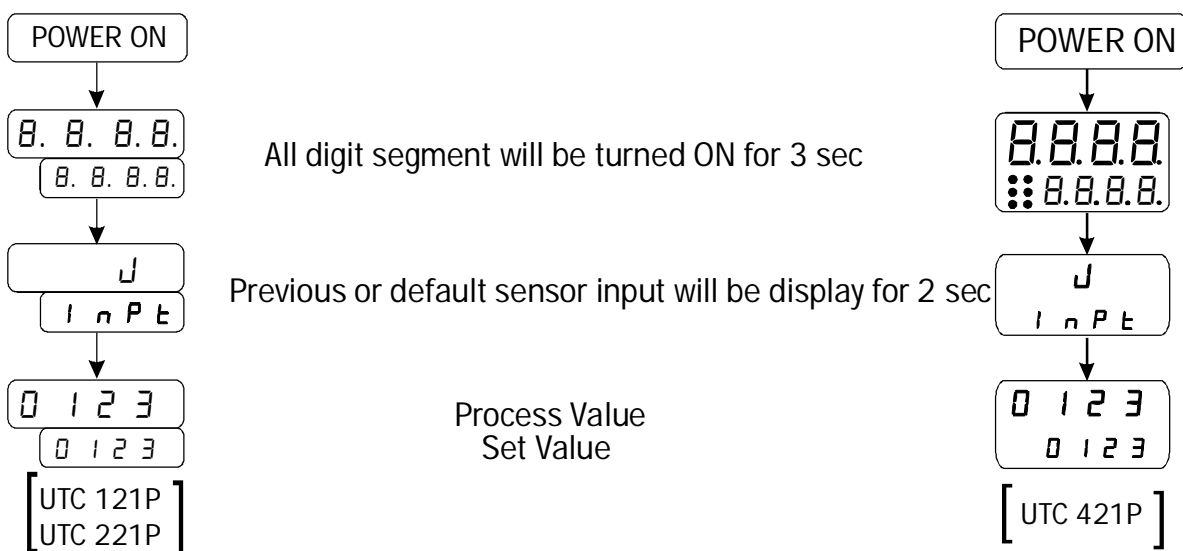
UTC 421P

### Technical Specification

Model	UTC 121P	UTC 221P	UTC 421P
Display	UPPER:- 4 Digit 7 seg 0.56",red LED Display LOWER:- 4 Digit 7 seg 0.4",green LED Display		UPPER:- 4 Digit 7 seg 0.39",red LED Display LOWER:- 4 Digit 7 seg 0.28",green LED Display
Size	96 X 96 X 50	72 X 72 X 85	48 X 48 X 95
Panel Cutout	92 X 92	68 X 68	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 / ON-OFF (selectable)		
Output	1 relay, 1 C/O contact, 230V AC, 5A ,1 SSR, 12V DC, 30 mA		
Power Supply	100 to 250V AC, 50 / 60 Hz smps		

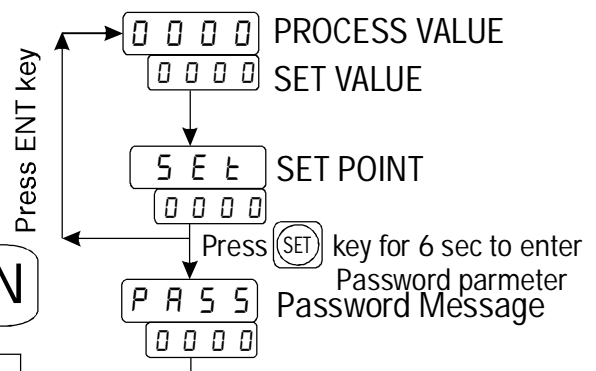
**Note :**

- 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

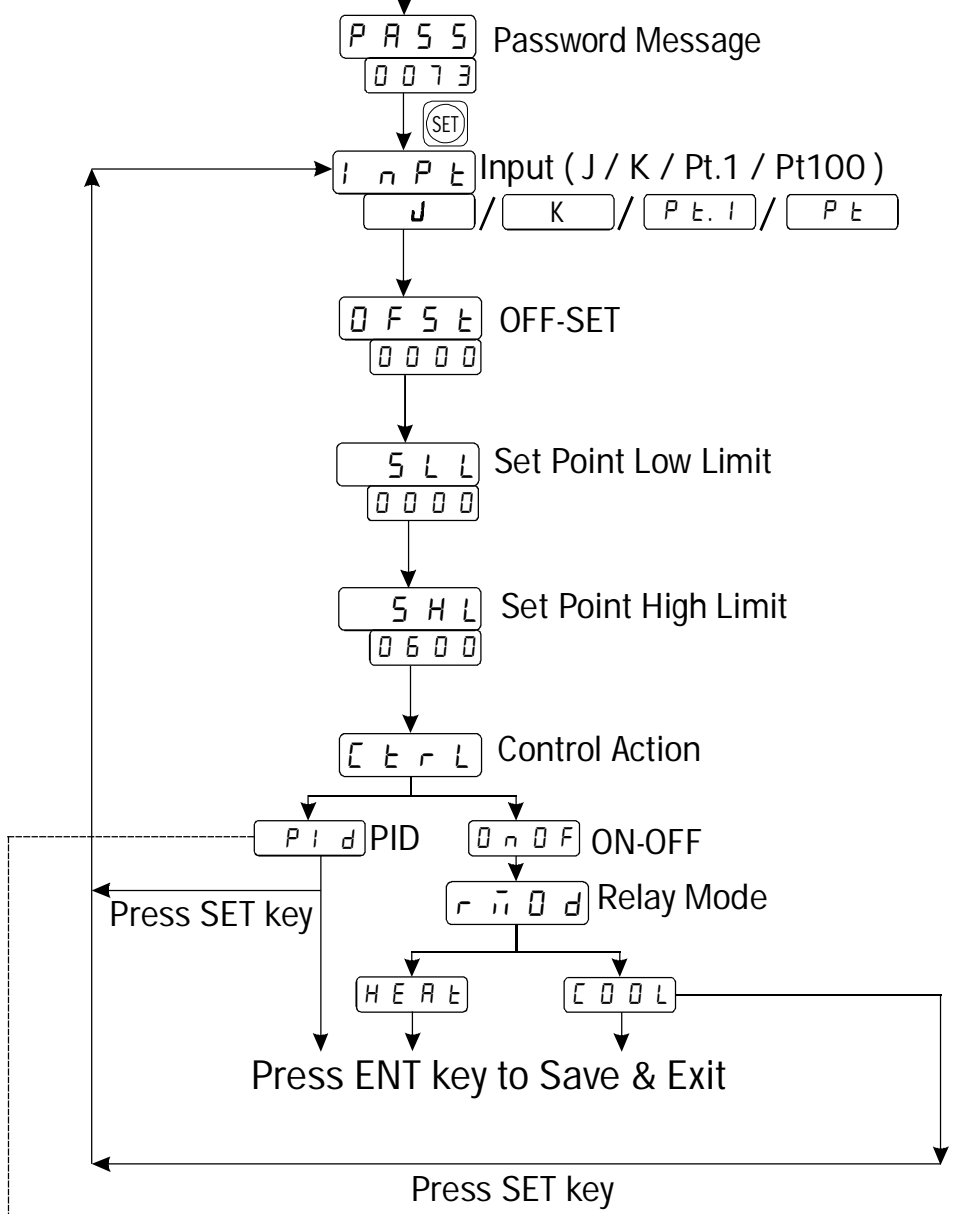


# SET POINT SETTING

# BASIC CONFIGURATION



TO ENTER BASIC CONFIGURATION SETTING, ENTER "73"

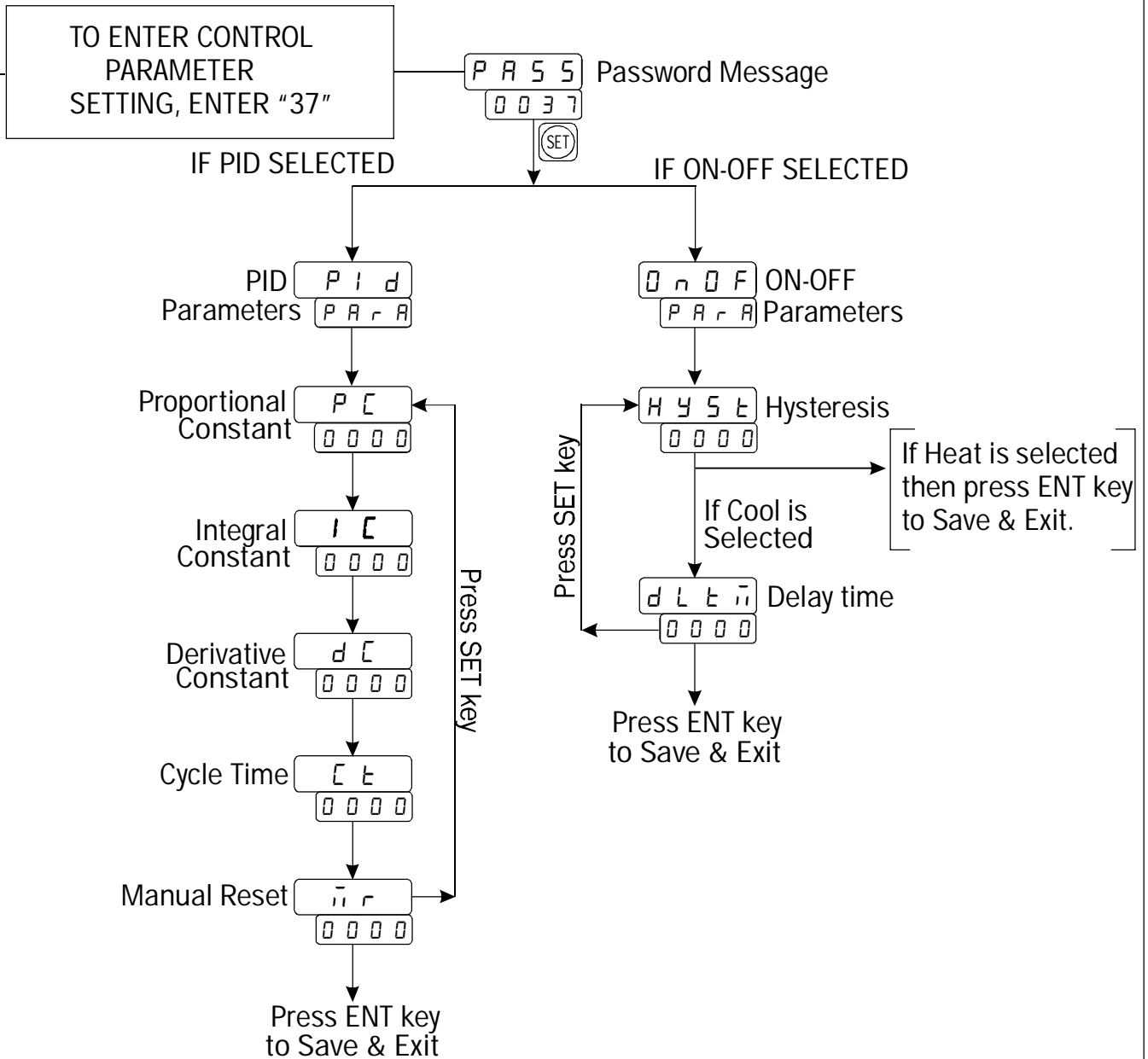


**PID AUTO-TUNNING**  
 Press (▲) key for 6 sec to start/stop  
 PID auto-tunning

**Note :**

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

## CONTROL PARAMETER

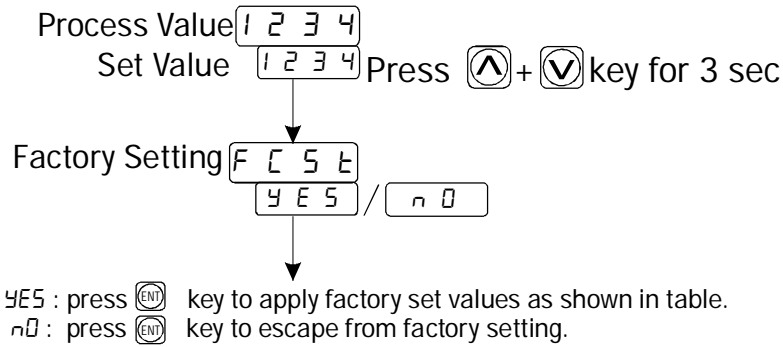


Sr.	Parameter	Range for J, K, PT100	Range for PT.1 sensor
1	PC	00.00 to 99.99	
2	IC	0.000 to 9.999	
3	DC	0 to 9999	
4	CT	4 sec to 99 sec	
5	MR	-9 to +9	-9.0 to +9.0
6	Delay time	1 sec to 999 sec	1 sec to 999 sec
7	Hysteresis	1°C to 50°C	0.1°C to 50.0°C
8	Off-set correction	-20°C to +20°C	-20.0°C to +20.0°C

**Note :**

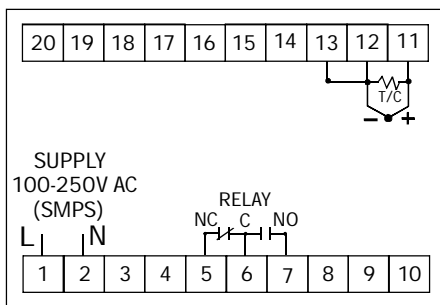
- 1) Press **SET** key to go to next parameter.
- 2) Press **▲** or **▼** key to enter value or to select option.

**FACTORY SETTING**

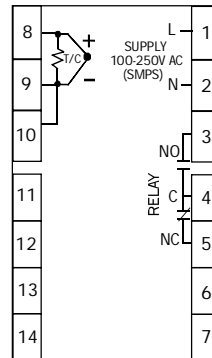


FACTORY SETTING		
SR.	PARAMETER	VALUES
1	PC	05.00
2	IC	0.225
3	DC	25
4	CT	6 sec
5	MR	0° C
6	OFFSET	0° C
7	HYSTERESIS	3° C
8	DELAY TIME	6 sec

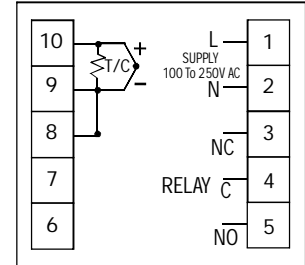
**1) Connection Diagram with Relay Output.:**



UTC 121P

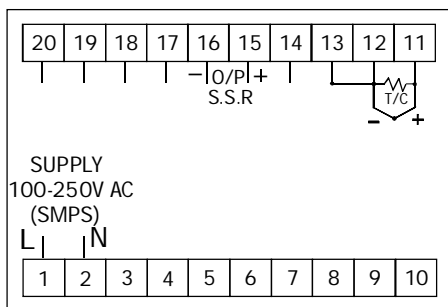


UTC 221P

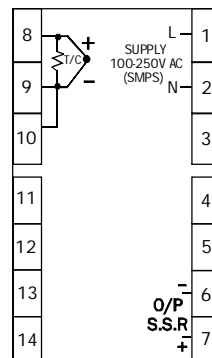


UTC 421P

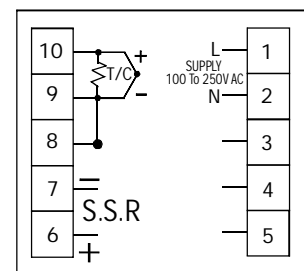
**2) Connection Diagram with SSR Output.:**



UTC 121P



UTC 221P



UTC 421P

Product improvement and upgrade is a constant procedure. So for more updated operating information and support, please contact our Helpline : +91-9978991474/75 or Email at [marketing@multispanindia.com](mailto:marketing@multispanindia.com)