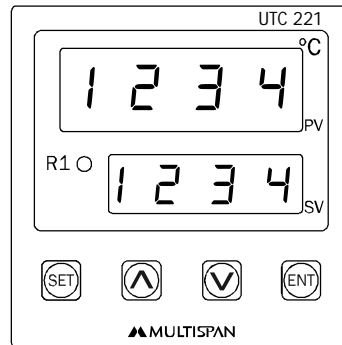
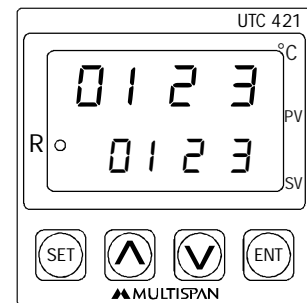


UTC 121



UTC 221



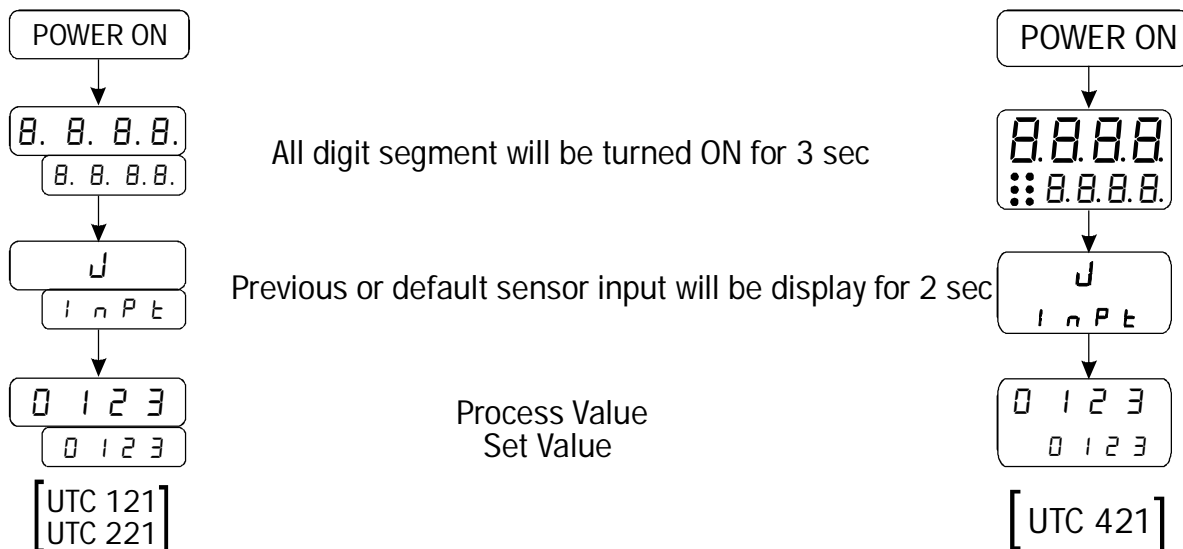
UTC 421

Technical Specification

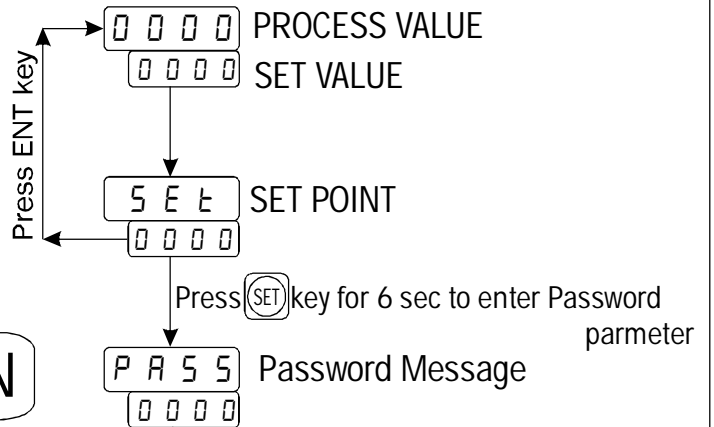
Model	UTC 121	UTC 221	UTC 421
Display	UPPER:- 4 Digit 7 seg 0.56",red LED Display LOWER:- 4 Digit 7 seg 0.4",green LED Display		UPPER:- 4 Digit 7 seg 0.39",red LED Display LOWER:- 4 Digit 7 seg 0.28",green LED Display
Size	96 X 96 X 50	72 X 72 X 85	48 X 48 X 95
Panel Cutout	92 X 92	68 X 68	44 X 44
Input	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	TP / 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

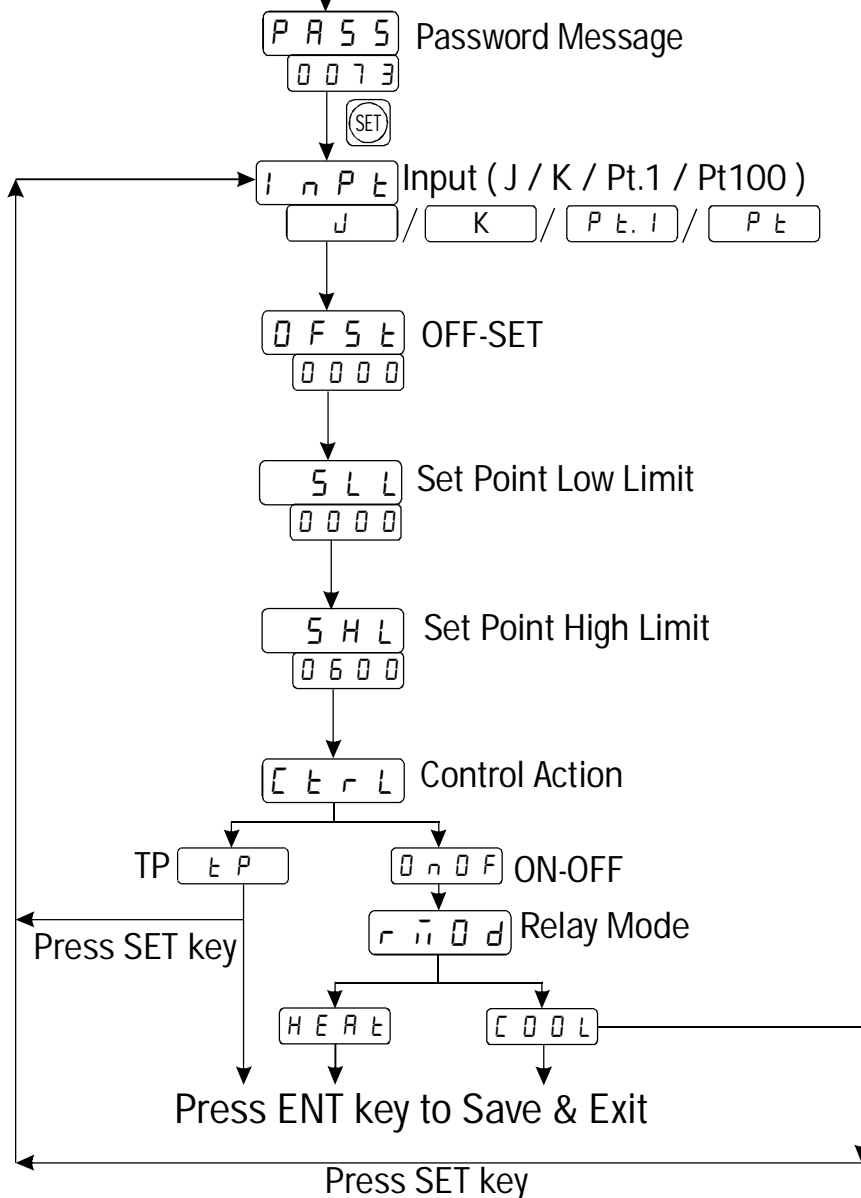


SET POINT SETTING







BASIC CONFIGURATION

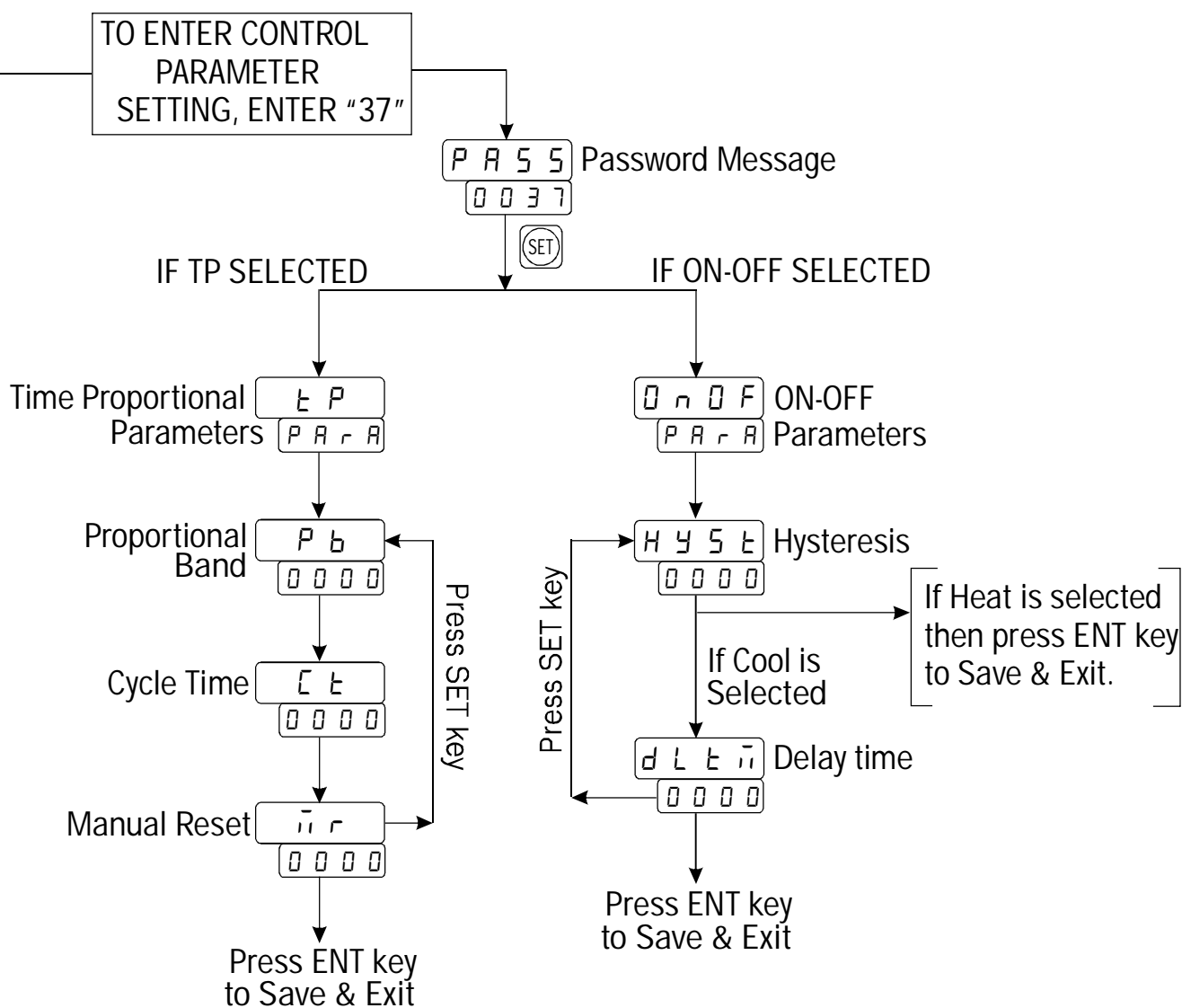
TO ENTER BASIC CONFIGURATION SETTING, ENTER "73"



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

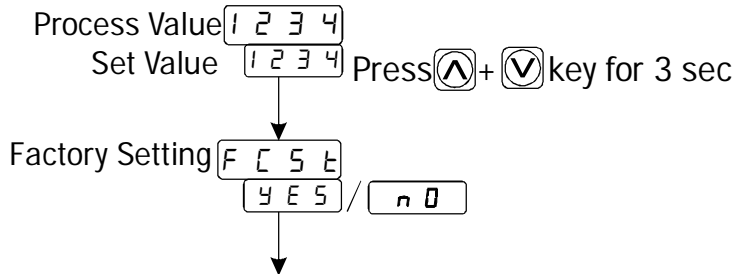


Sr.	Parameter	Range for J, K, PT100	Range for PT.1 sensor
1	PB	1 to 15	1.0 to 15.0
2	CT	4 sec to 30 sec	4 sec to 30 sec
3	MR	-10 to +10°C	-10.0 to +10.0°C
4	Delay time	1 sec to 999 sec	1 sec to 999 sec
5	Hysteresis	1°C to 50°C	0.1°C to 50.0°C
6	Off-set correction	-20°C to +20°C	-20.0°C to +20.0°C

Note :

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

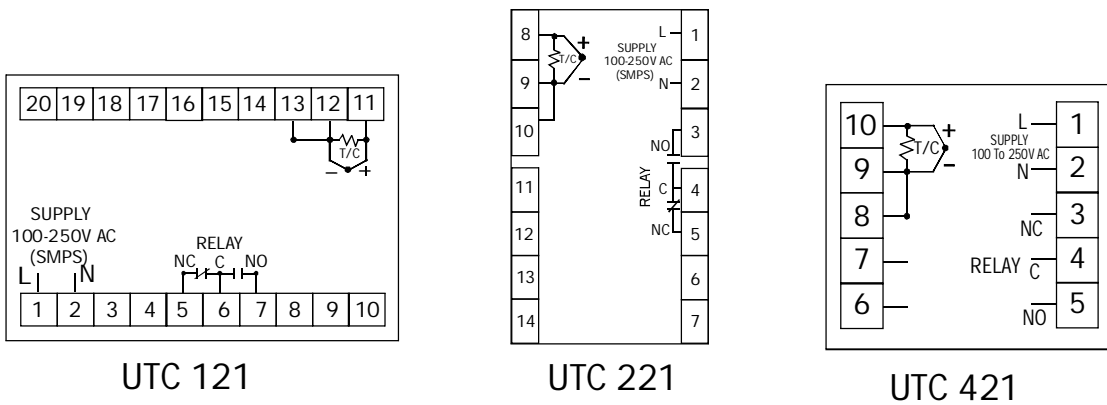
FACTORY SETTING



yE5 : press **ENT** key to apply factory set values as shown in table.
 n0 : press **ENT** key to escape from factory setting.

FACTORY SETTING		
SR.	PARAMETER	VALUES
1	PB	5
2	CT	8 sec
3	MR	0° C
4	OFFSET	0° C
5	HYSTERESIS	3° C
6	DELAY TIME	6 sec

1) Connection Diagram with Relay Output.:



2) Connection Diagram with SSR Output.:

