

Technical Specification:

Model	APC-8000
DISPLAY	4 Digit 4", Red Led Display
SIZE	
INPUT	RTD, RTD.1, J, K, R, S, 4-20mA, 0-10 VDC (selectable through Front Keypad)
CONTROL ACTION	PID / HEATING / COOLING (SELECTABLE through Front Keypad)
OUTPUT:	3 RELAY / 3 SSR / 4-20 mA (Retransmission) / 24 VDC (TPS) / RS-485(MODBUS)
POWER	230 VAC, 50 Hz

NOTE:

- 1) Press + key for 3 second to go to Menu.
- 2) Press key to go to next parameter.
- 3) Press or to enter Value or to select option.
- 4) Press key for save changes in settings.
- 5) Every time the instrument is turned ON, Following pattern will be displayed.

POWER ON



r t d i

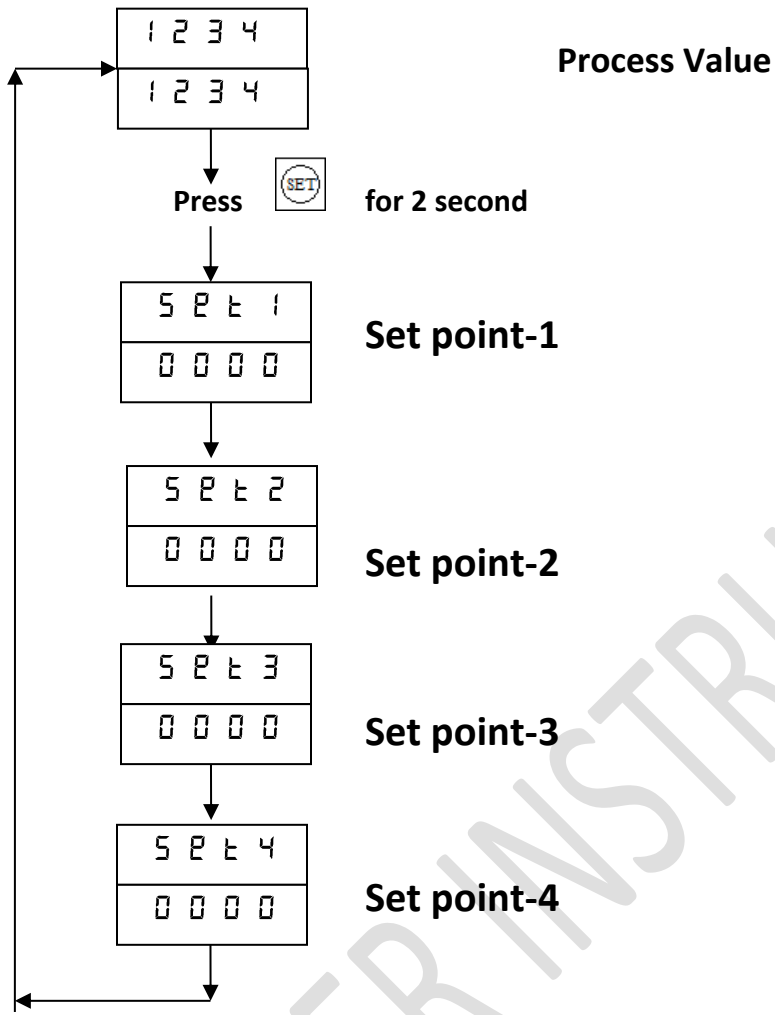
Previous or Default Sensor Input Display for 2 Second

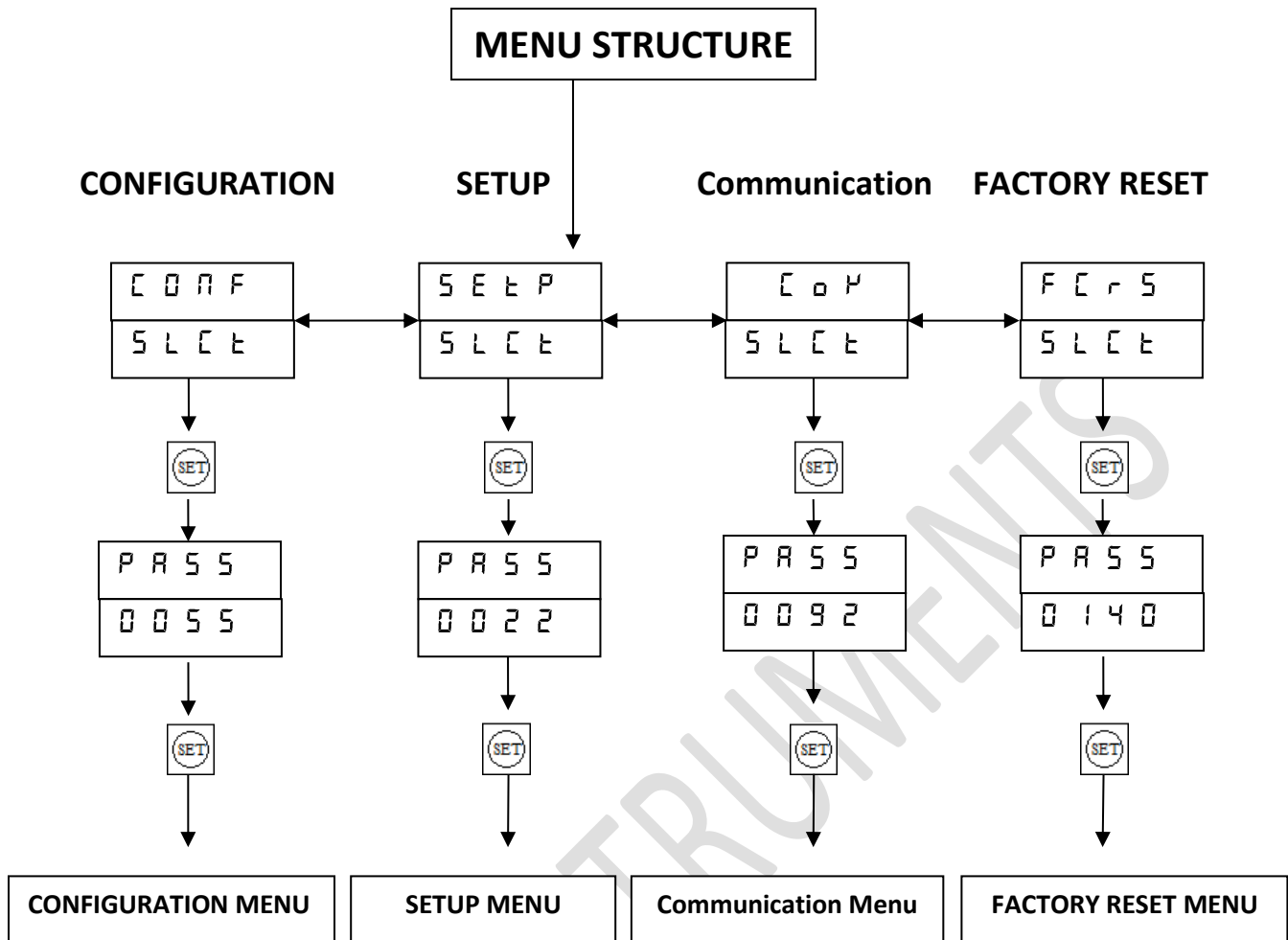


1 2 3 4

Process Value

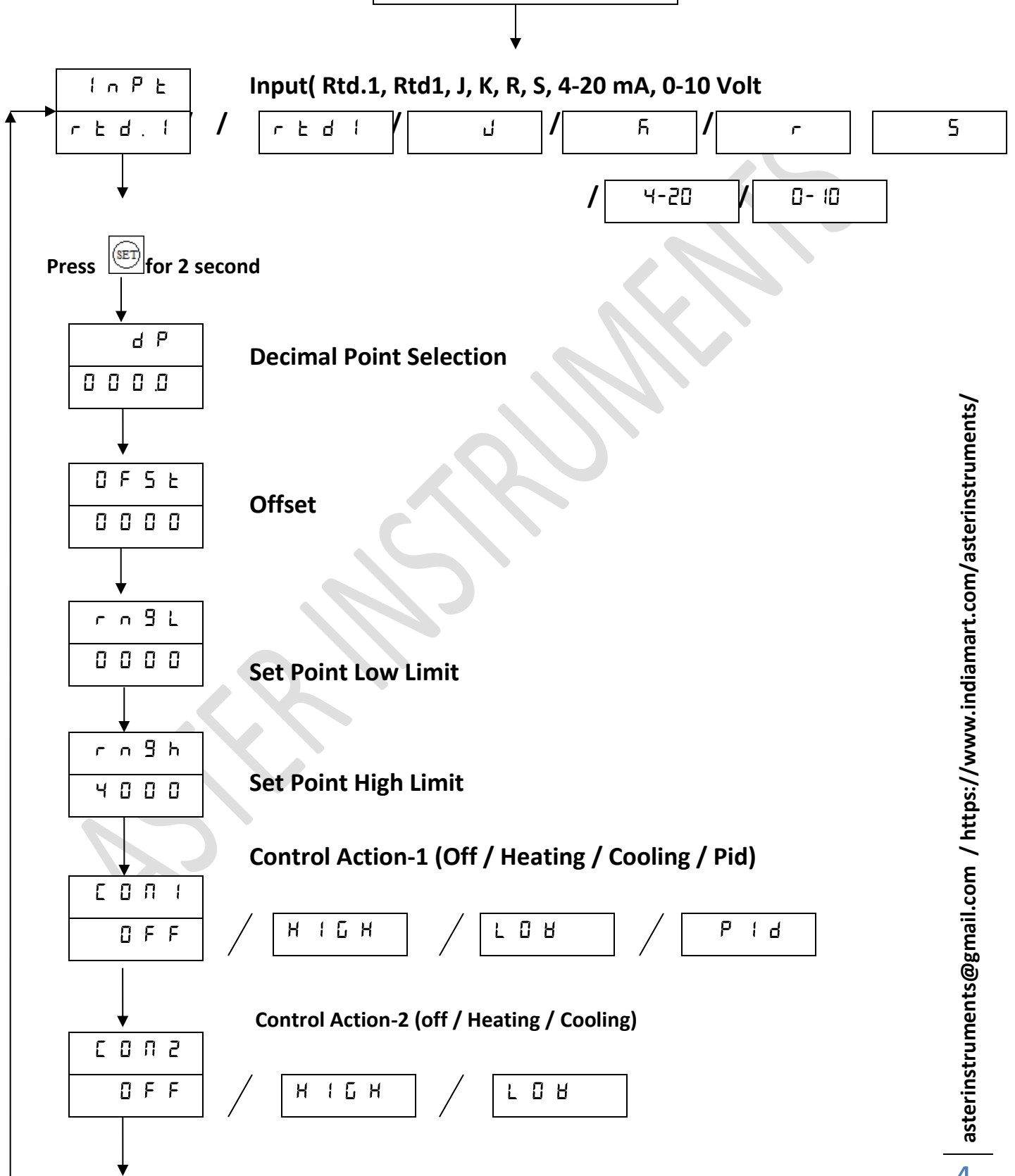
SET POINT SETTING:

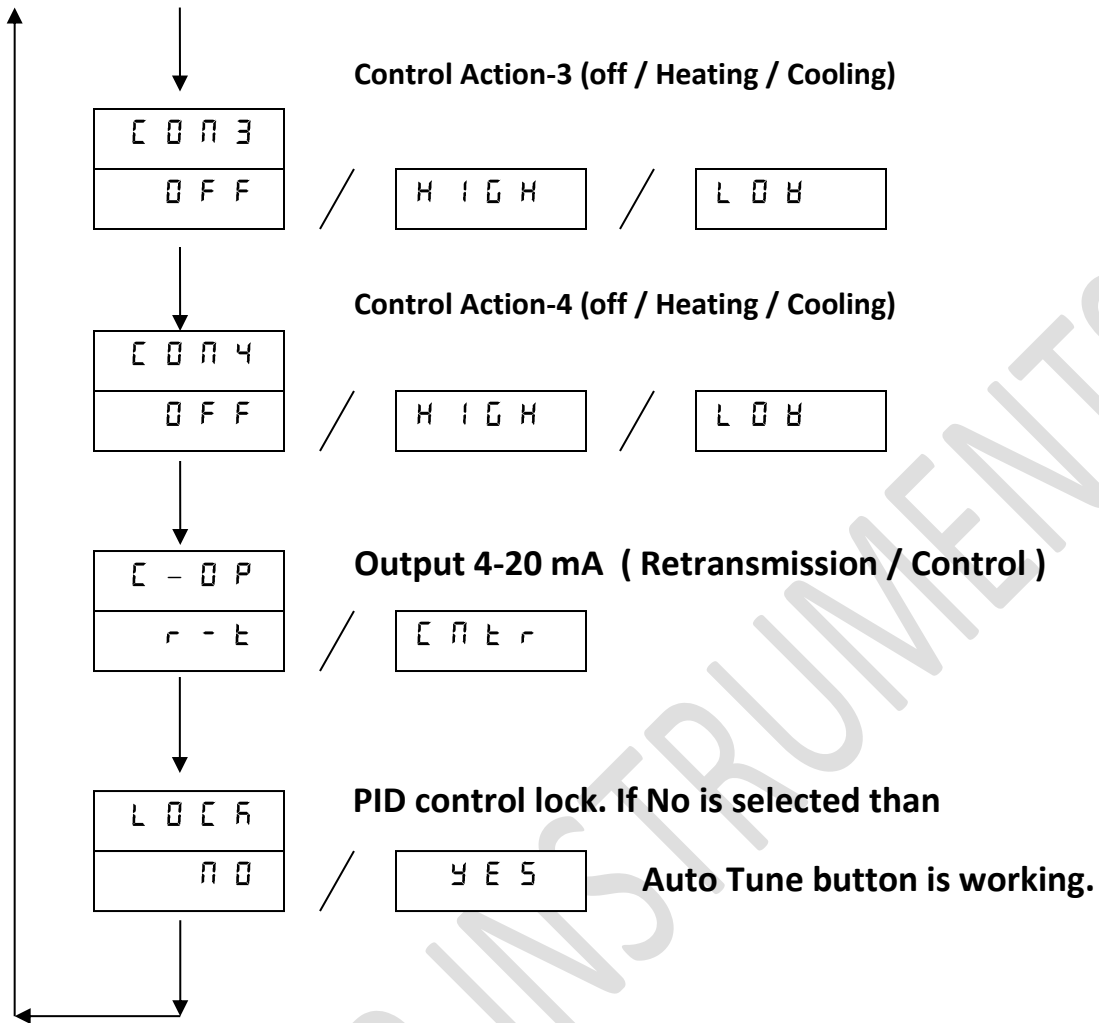




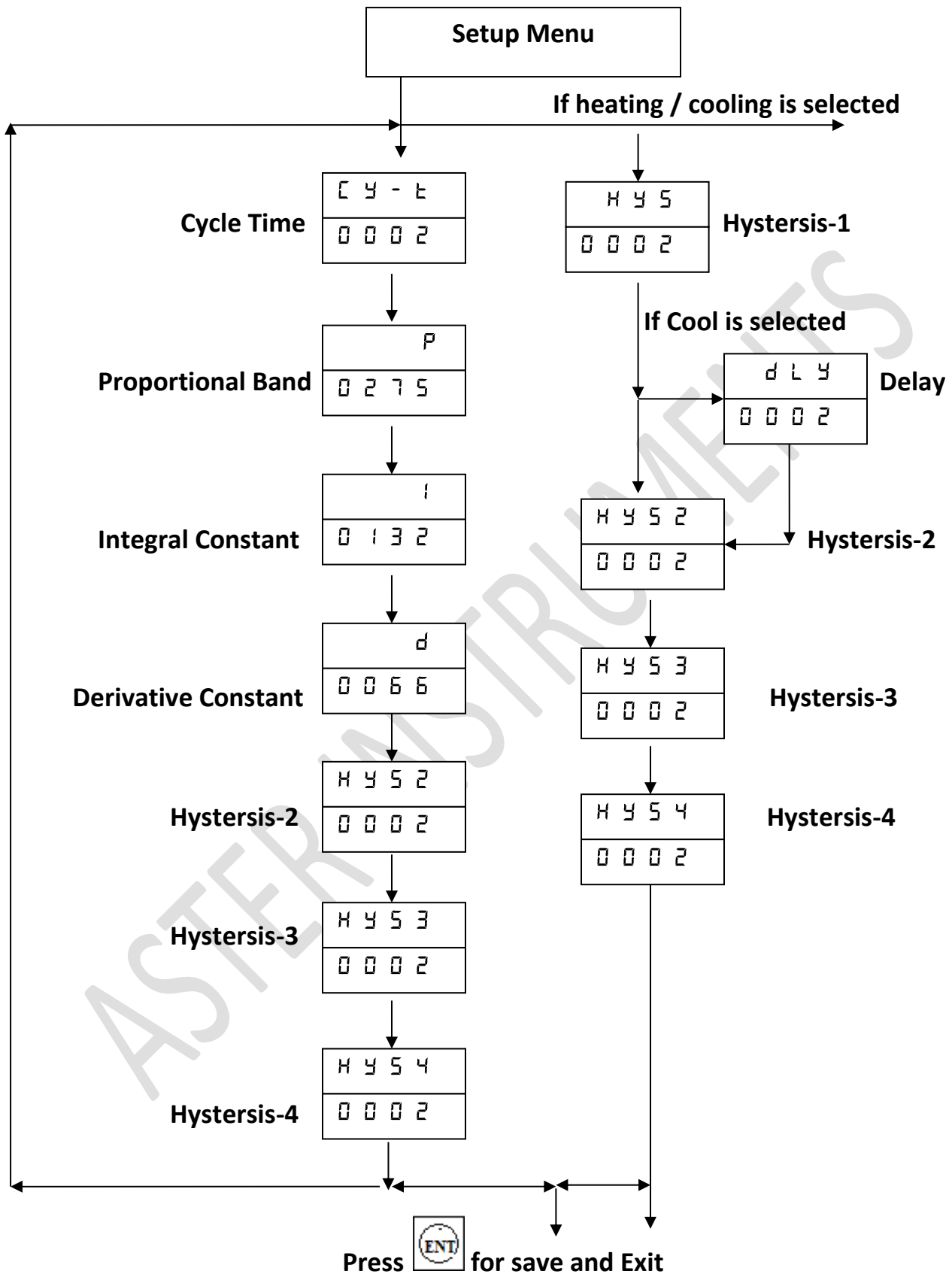
Menu	Password
Configuration	55
Setup	22
Communication	92
Factory Reset	140

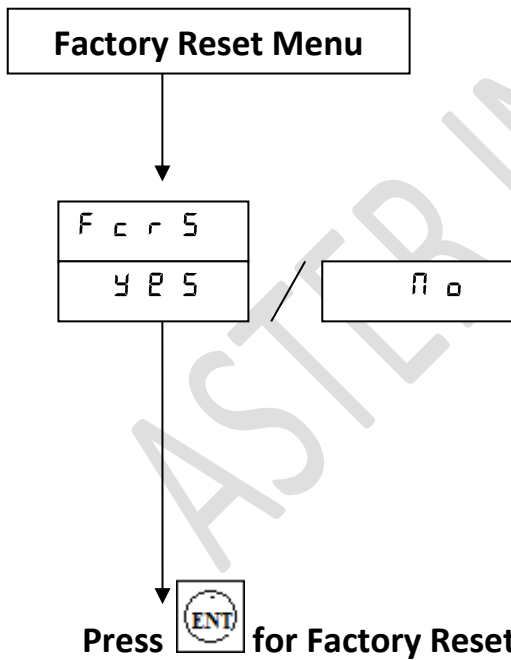
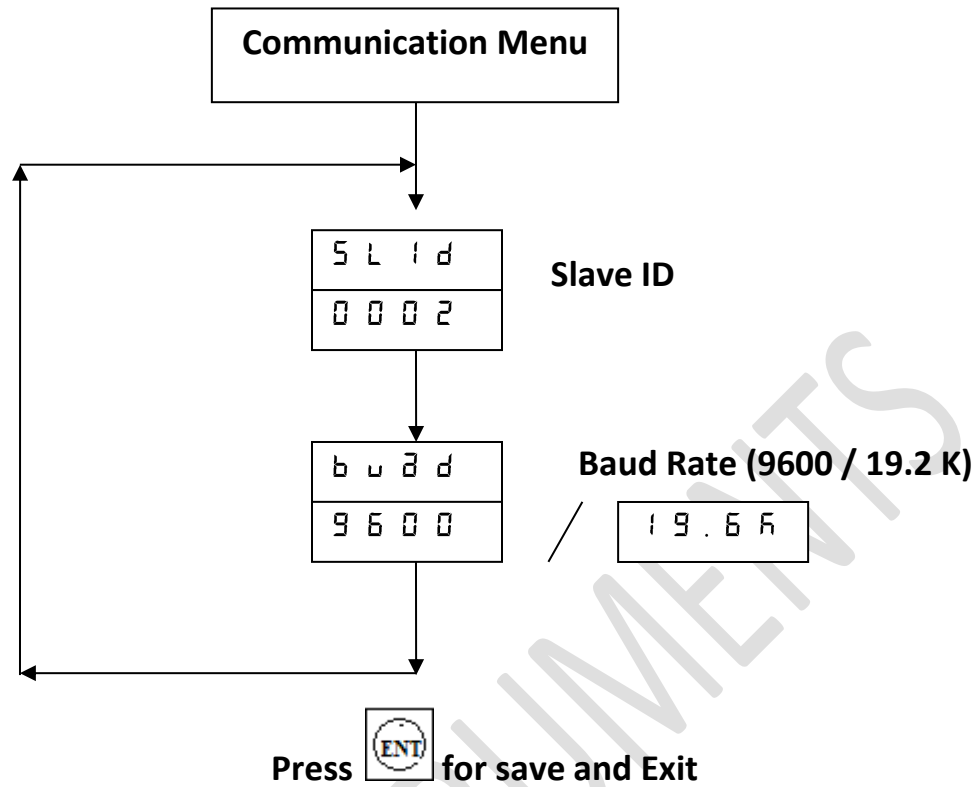
Configuration Menu





Press  for Save and Exit





FACTORY SETTINGS		
SR NO	PARAMETER	VALUES
1	Offset	0
2	Cycle time	5
3	P	275
4	I	136
5	D	66
6	Hysteresis for Relay-1	2
7	Delay for Relay-1	1
8	Hysteresis for Relay-2	2
9	Hysteresis for Relay-3	2
10	Hysteresis for Relay-4	2

Parameter Range:

Sr.	Parameter	Range for Rtd1, J,K,R,S	4-20 mA, 0-10 V	Rtd.1
1	Offset	-999 to 9999°C	-999 to 9999 (with DP 0,1,2,3)	-99.9 to 99.99 °C
2	Cycle time	0 to 60 Sec	0 to 60 Sec	0 to 60 Sec
3	P	0.0 to 100.0	0.0 to 100.0	0.0 to 100.0
4	I	0 to 2000	0 to 2000	0 to 2000
5	D	0 to 1000	0 to 1000	0 to 1000
6	Hysteresis for Relay-1	0 to 100°C	0 to 100°C (with DP 0,1,2,3)	0.0 to 10.0°C
7	Delay for Relay-1	1 to 254 Sec	1 to 254 Sec	1 to 254 Sec
8	Hysteresis for Relay-2	0 to 100°C	0 to 100°C (with DP 0,1,2,3)	0.0 to 10.0°C
9	Hysteresis for Relay-3	0 to 100°C	0 to 100°C (with DP 0,1,2,3)	0.0 to 10.0°C
10	Hysteresis for Relay-4	0 to 100°C	0 to 100°C (with DP 0,1,2,3)	0.0 to 10.0°C