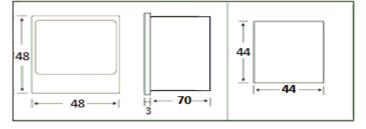
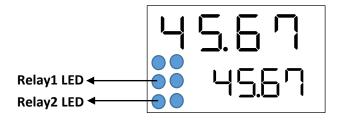
MISTURA

TECHNICAL SPECIFICATION

INPUT SPECIFICATION:					
Sr.	INP	PUT	Range		
1	TC-J		0 To 700 °C		
2	TC-K	L.	0 To 1300 °C		
3	TC-T	ſΤ	0 To 350 °C		
4	TC-R	١	0 To 1650°C		
5	TC-S	ப	0 To 1650°C		
6	TC-E	Ш	0 To 650°C		
7	TC-N	С	0 To 1250°C		
8	PT	므	-100 To 400°C		
9	PT-1	PŁ. 1	-100.0 To 400.0°C		
10	0-10VDC	<u> </u>	-1999 To 9999		
11	0-5VDC	<u>-51</u>	-1999 To 9999		
12	4-20mA		-1999 To 9999		
13	0-20mA	0-50	-1999 To 9999		
Indication Accuracy ±1% of FSD ± 1°C					
(FSD: full scale deflection)					
		J,K,T,R,S	S,E,N,PT-100 = 1°C		
		PT.1 = 0	.1°C		
	Resolution	0-10V D	C,0-5VDC,0-20mA DC,4-		
		20mA D	C = 0.1,0.01,0.001,0001		
OUTPUT SPECIFICATION:					
1) Relay Output/ SSR Output (Factory Set)					
Relay	y/SSR	2			
Relay	у Туре	(NO-C)			
Ratir	ng	Relay:1	Relay:10A, 230VAC/30V DC		
		SSR: 12	SSR: 12VDC,30mA		
2) 24VDC Transmitter supply					

AUXILIA	RY SUPPLY:			
Supply voltage		100 to 250V AC, 50-60Hz		
Power consumption		Approx. 7 VA @ 230V AC MAX		
(VA RATING)				
ENVIRO	NMENT CON	IDITION:		
Operating Temp.		0°C to 55°C		
Relative Humidity		UP to 95% RH (non-condensing)		
Protection Level		IP-65 (Front side) As per IS/IEC		
		60529 : 2001		
DIMENSION & DISPLAY:				
Size	48(H) X 48(W) X 70(D)/ Cutout 44(H) X 44(W)			
Display	Upper: 4 digit	, 7 segment, 0.70" White		
	Lower: 4 digit	, 7 segment, 0.50" Green		

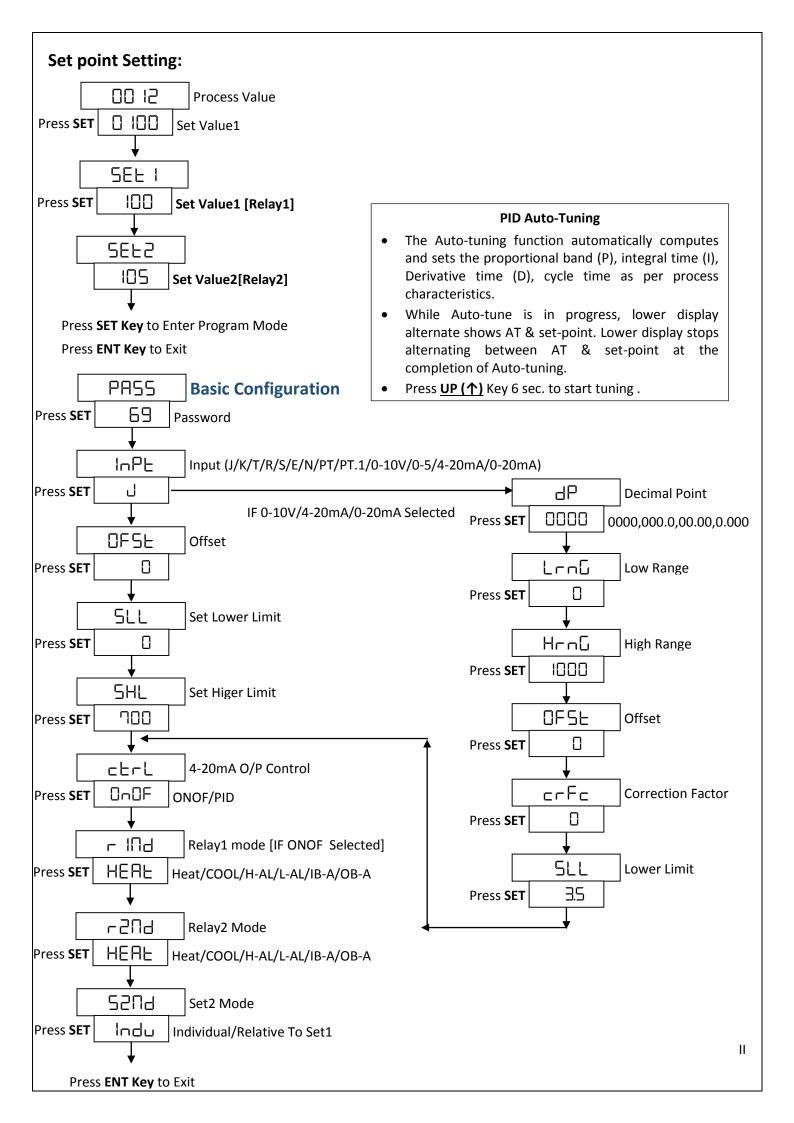




Key Operations:

- Press SET Key to enter in programming mode.
- Press SET Key to go to next parameter.
- Use Up Or Down key to change value of parameter.
- Press ENT Key to save change in setting
- To start Auto-Tuning Press Up key for 6 sec. (In PID Mode).

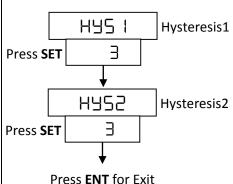
Ι



PRSS. **Control Parameter** 54 Press **SET Password IF Control Action:PID** ΡЬ **Proportion Band** Press **SET** 300 IL **Integration Time** 240 Press **SET** dŁ **Derivative Time** 60 Press **SET** Cyclic Time cŁ 20 Press **SET** Яr Filter IUU Press **SET HYS2** Hysteresis2 3 Press SET

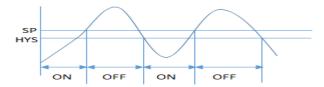
Press **ENT** for Exit

IF Control Action: ONOF



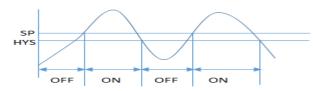
Relay1 & Relay2 Operating Modes

• Heat Mode:



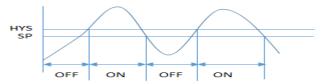
Initially Relay will be on condition. When Process value equals to Set Point Relay will turn off. When Process value equal to Set Point-Hysteresis then again Relay will be on.

Cool Mode:



Initially Relay will be off condition. When Process value equals to Set Point Relay will turn on. When Process value equal to Set Point-Hysteresis then again Relay will turn off.

• High Alarm Mode [H-AL]:



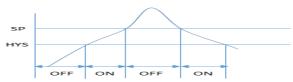
Initially Relay will be off condition. When Process value equals to Set Point + Hysteresis Relay will turn on. When Process value equal to Set Point then again Relay will turn off.

• Low Alarm Mode [L-AL]:



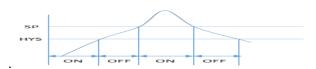
Initially Relay will be on condition. When Process value equals to Set Point + Hysteresis Relay will turn off. When Process value equal to Set Point then again Relay will turn on.

In Band Alarm Mode [IB-A]:



Relay will be on between Set point & Hysteresis condition. If Set Point=100 & Hysteresis=3 than Relay on between 97to100

• Out Band Alarm Mode [OB-A]:



Relay will be off between Set point & Hysteresis condition. If Set Point=100 & Hysteresis=3 than Relay off between 97to100.