

Technical Specification:

Model	DTC 9611P	DTC 7211P	DTC 4911P	DTC 4811P-3
Size (HxWxD)	96 X 96 X 42 mm	72 X 72 X 60 mm	48X 96 X 85 mm	48X48X70
Panel Cut-out	92 X 92	68x68	44X92	44X44
Display	Red- 4 Digit 7 segment (0.56")			3 Digit Seven Segment 0.56", RED
Input	J (0-600°C) & K (0-1200°C) OR PT-100 (-50 °C to 400 °C)			TC-J (0 To 600°C),TC-K(0 To 950°C) OR PT-100 (-50 °C to 400 °C)
Output	1 Relay 230V AC,5A &12V DC SSR,30mA			
Supply	230V AC, 50 / 60 Hz, Approx. 4VA			100 to 250V AC, 50-60Hz
Protection Level	IP-65(Front side) AS per IS/IEC 60529:2001			
Operating Temperature	0°C To 55°C		Relative Humidity	Up to 95% RH Non Condensing

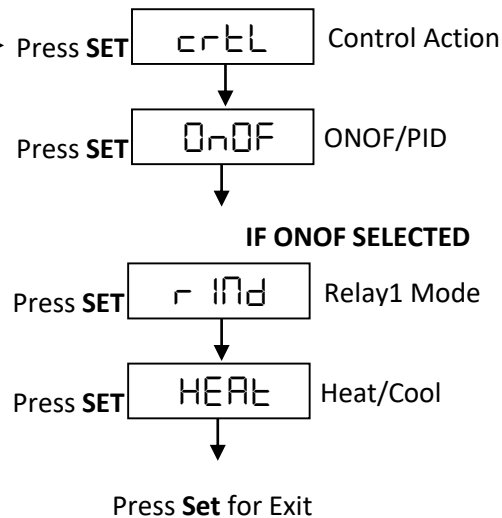
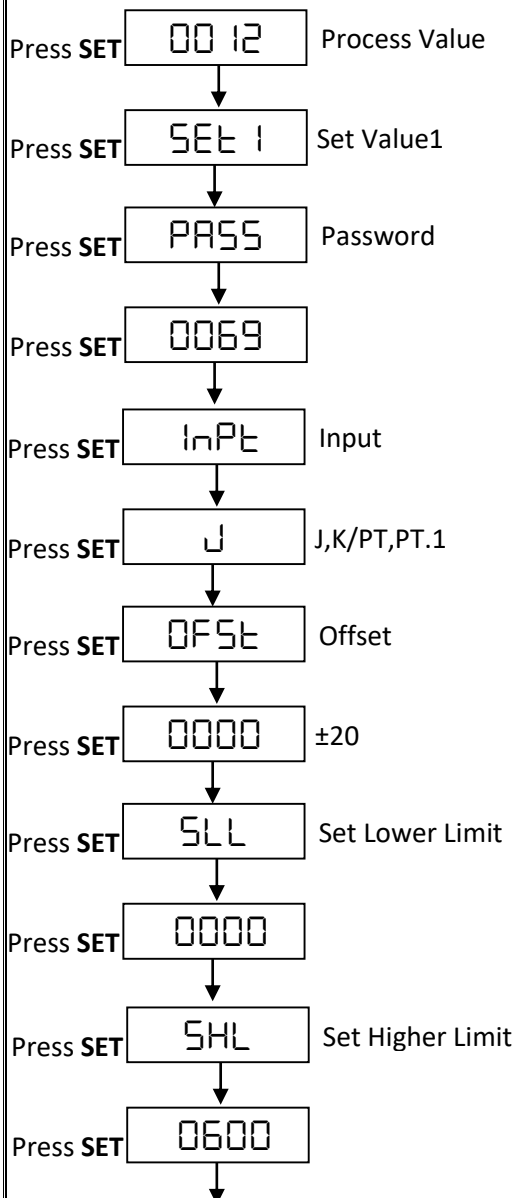
Key Operations:

- 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.
- To start Auto-Tuning Press **Up** key for 6 sec. (In PID Mode).

Password:

69- Basic Configuration
54- Control Parameter

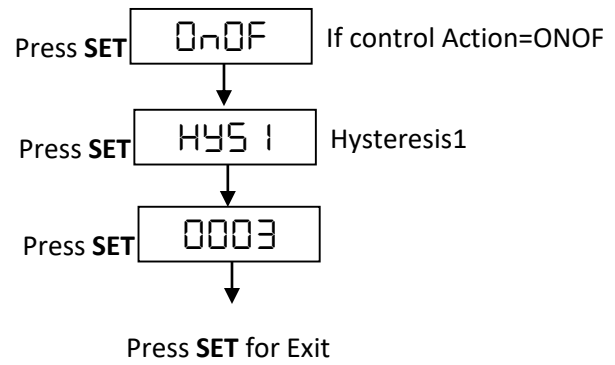
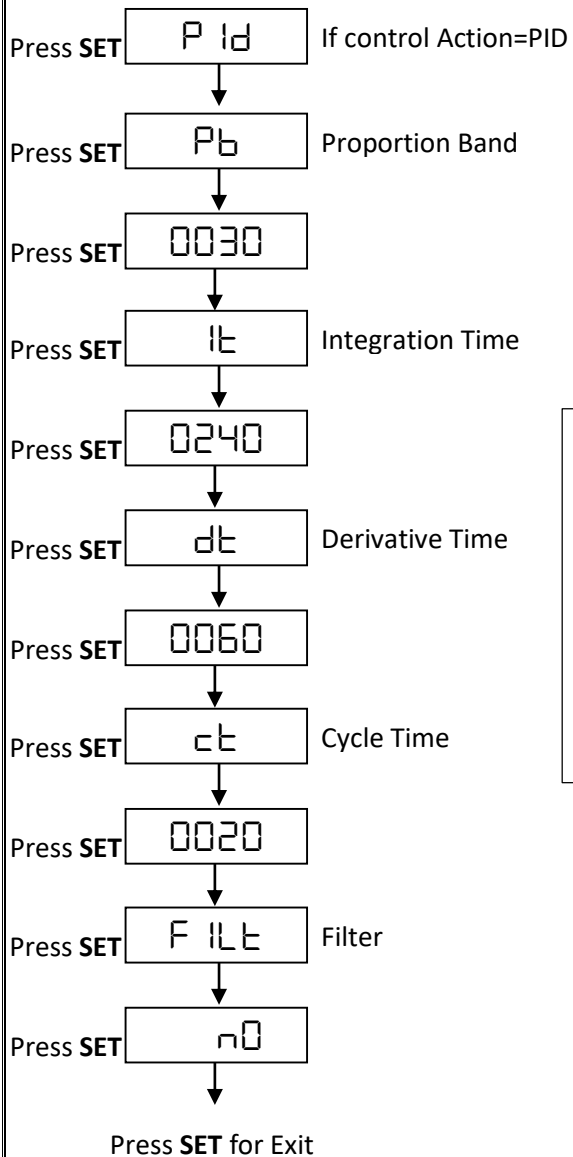
Basic Configuration:



PID Auto-Tuning

- The Auto-tuning function automatically computes and sets the proportional band (P), integral time (I), Derivative time (D), cycle time as per process characteristics.
- While Auto-tune is in progress, Display's first digit dot start blinking. Display's first digit dot stops blinking at the completion of Auto-tuning.
- Press **UP (↑)** Key 6 sec. to start tuning (In PID Mode)

Control Parameter:



Relay1 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.