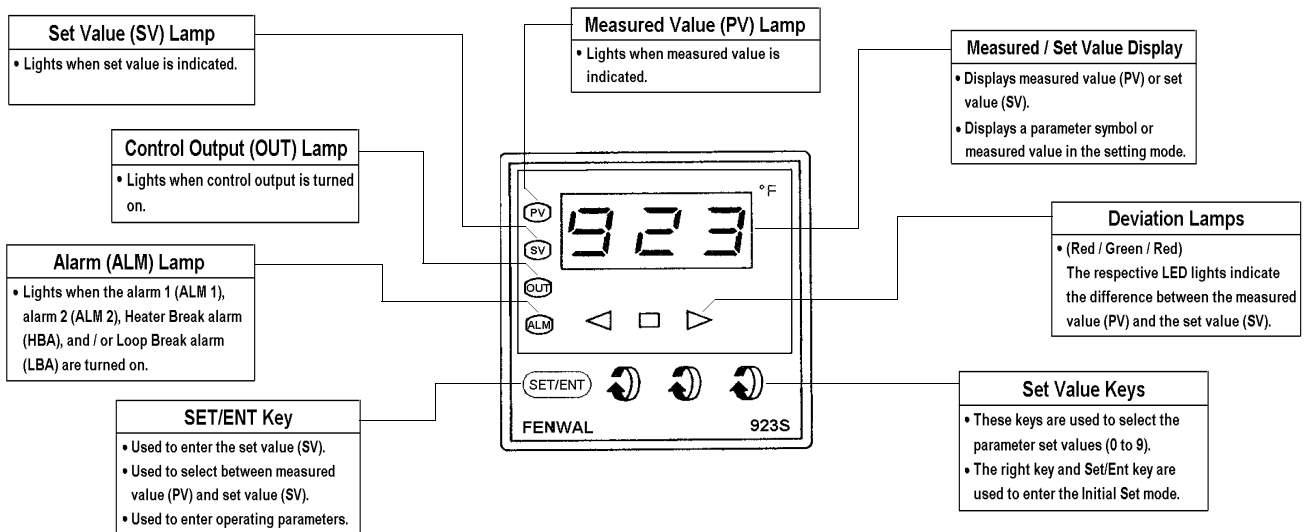
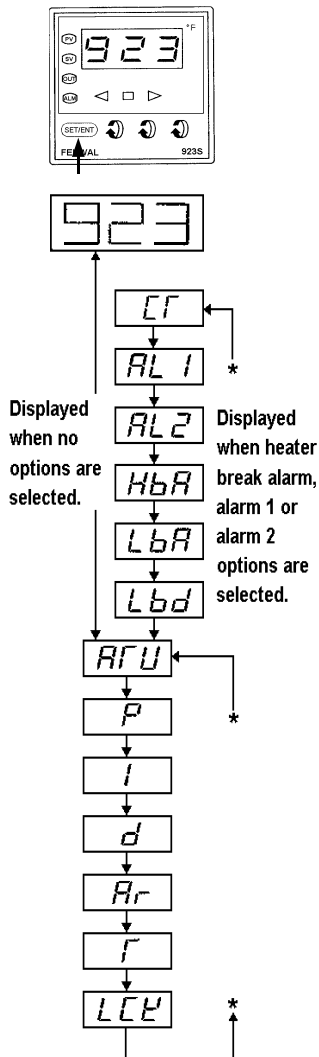


These *QUICKNOTES* are designed to assist in your setup of the 923S controller. Refer to the instruction manual for detailed info

## FRONT PANEL FUNCTIONS



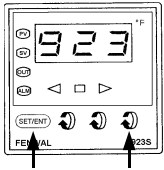
## OPERATION PARAMETERS



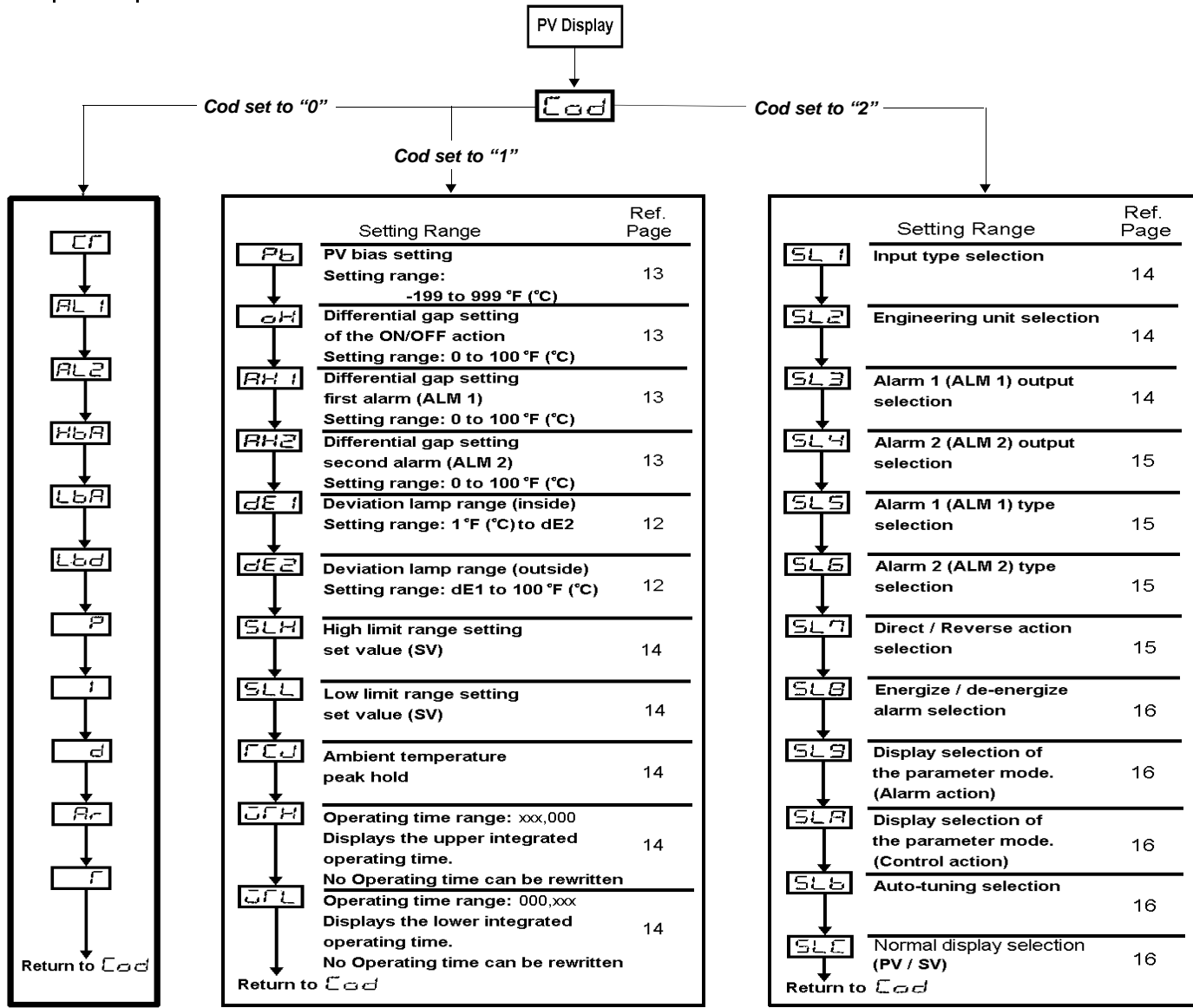
- Press the **SET/ENT** key 5 seconds to enter or exit.
- Press the appropriate set value key for the selected range or setting.
- Press the key to enter data.
- After 1 minute, the display reverts to the selected home base.

Symbol	Name	Setting range	Ref. Page
<i>CT</i>	Current transformer input (1)	Setting is not possible. Set heater break alarm value to 85% of this value	11
<i>AL 1</i>	First alarm (1)	Deviation alarm-Process alarm: -199 to 999 °F (°C) Hysteresis: 2 or 2.0°F (°C)	15
<i>AL 2</i>	Second alarm (1)		
<i>HbA</i>	Heater break alarm (HBA) (1)	0.0 to 100.0 A	11
<i>LbA</i>	Control loop break alarm (LBA) (1)	0.1 to 99.9 minutes	11
<i>Lbd</i>	LBA dead band (LBD) (1)	1 to 999 °F (°C) Hysteresis gap: 0.8°F (0.8°C)	11
<i>ATU</i>	Auto-tuning (AT) (2)	0: Auto-tuning end or stop 1: Auto-tuning start	11
<i>P</i>	Proportional band (P)	1 to span	9
<i>I</i>	Integral time (I)	1 to 999 seconds	9
<i>d</i>	Derivative time (D)	1 to 999 seconds	9
<i>Ar</i>	Anti-reset windup (ARW)	1 to 100% of proportional band	9
<i>r</i>	Proportional cycle	1 to 100 sec.	9
<i>LCK</i>	Key lock	Codes 0 to 3	11

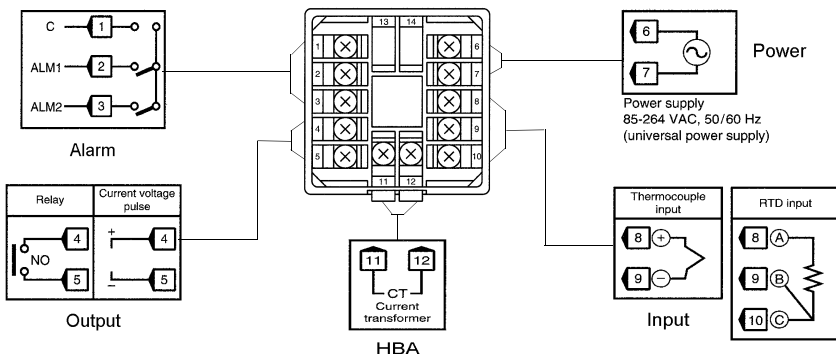
## To enter the INITIAL SETUP PARAMETERS



- Press the **SET/ENT** key while pressing the least significant digit continuously for **5** seconds to enter or exit.
- Enter the appropriate "**Cod**" and press the **SET/ENT** key to advance down the parameter group.
- Press the appropriate set value key for the selected range or settings.
- Cod "0" is accessible only when items in the ( ) or "2" to change initial settings. See the Operations Parameter.



## TERMINAL CONFIGURATION



Display	Details
0 0 0 (Flashing)	Overscale (Measured-value exceeds the high input display range limit.) Check sensor or input leads.
U U U (Flashing)	Underscale (Measured-value below the low input display range limit.) Check sensor or input leads.
E r r	RAM failure (Incorrect set-data write, etc.) Contact Fenwal or your nearest Representative.