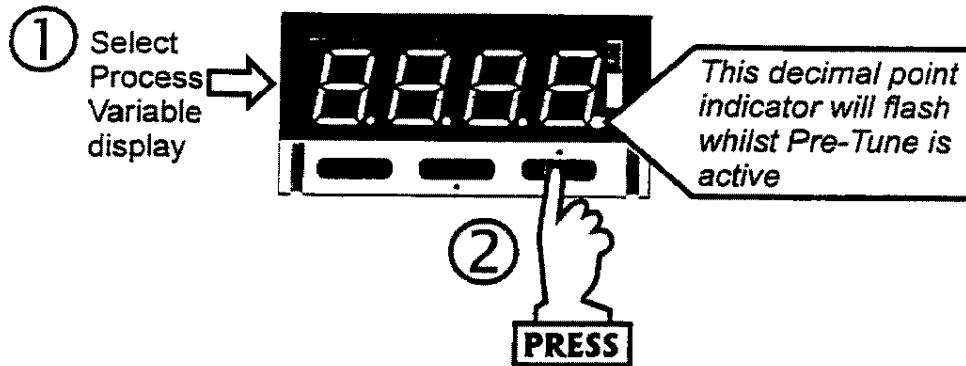


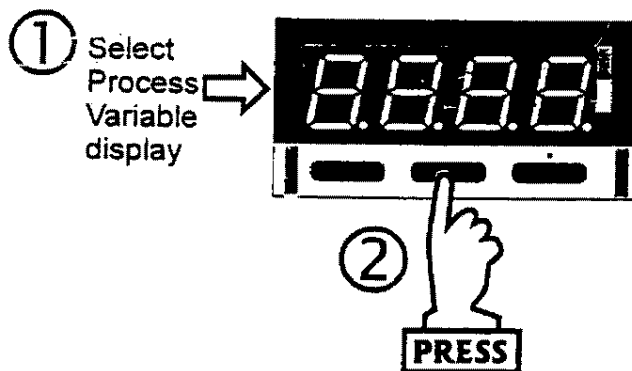
## MANUAL TUNING WITH PRE-TUNE

When the Controller is configured for Manual Tuning, the Pre-Tune facility is available. Pre-Tune is used to optimise system start-up (normally after power-up or after a major change to the process being controlled). To activate Pre-Tune:



NOTE: Pre-Tune cannot be activated if the Process Variable is within 5% of input span from the setpoint.

To dis-engage Pre-Tune:



NOTE: Pre-Tune is a single-shot operation and, therefore, when it is completed, Pre-Tune will dis-engage itself automatically.