

FlexMax Drives Keypad Display

POWERTEC
INDUSTRIAL MOTORS

The standard keypad provides status display, speed and current monitor, means for changing drive parameters, and means for resetting drive after an alarm.



- 1.1 Status Display:** Three LED's indicate alarms, current limit status, and Drive OK.
 - 1.1.1 Alarm: Red, blinking light indicates alarm set. If alarm code is not displayed in LCD display, press the Enter (E) button to display code. Drive must be reset to clear alarm. No light indicates alarms cleared.
 - 1.1.2 Limit: Red light indicates operation in Current Limit mode. No light indicates non-current limit operation.
 - 1.1.3 Drive OK: Green light indicates no alarms and drive is ready for operation.
- 1.2 Speed and Current Monitor:** Two line LCD displays motor speed (n) in rpm, and current (I) in Arms.
- 1.3 Changing Drive Parameters:**
 - 1.3.1 While in the monitor mode, press any button to enter the edit mode.
 - 1.3.2 Press the Mode (M) button and the "M" (menu) will be highlighted on the display. Press the Up or Down button to scroll up or down the menu structure (see menu structure map).
 - 1.3.3 While in the menu scroll mode ("M" is highlighted), press the Mode (M) button. The "P" (parameter) will be highlighted on the display. Press the Up or Down button to scroll up or down the parameter list in the selected menu (see menu structure map).
 - 1.3.4 When the desired parameter is displayed, press the Enter (E) button to edit the parameter value. The first (least significant) digit of the parameter value will be highlighted. (An asterisk ("*") in the parameter value line indicates a "Read-Only" parameter.)

- 1.3.5 With the parameter value field highlighted, press the Up or Down button to increment the value up or down. Continue to press the Enter (**E**) button as necessary to change each digit of the parameter value. After the last (most significant) digit is highlighted, press the Enter (**E**) button again to write the parameter value to the “Active Parameter Set” in volatile memory.
- 1.3.6 With the “P” (parameter) highlighted, press the Mode (**M**) button and an “S” (save) will be displayed and highlighted. Press the Enter (**E**) button to save the displayed parameter value to the non-volatile flash memory.
- 1.3.7 To return to monitor mode, press the Mode (**M**) button as necessary until no fields are highlighted. Then press the Up or Down button to return to monitor mode.

1.4 Drive Reset: With alarm LED lit, and alarm code displayed in LCD display, press the Enter (**E**) button. An “R” (reset) will be displayed and highlighted. Press the Enter (**E**) button again to reset the drive. All values in the “Active Set” of parameters that have not been Saved into non-volatile memory will be lost. All parameters will be reset to the “Saved Parameter Set” that were stored in the non-volatile flash memory.