## Quick Reference Guide

### DE-3000 DIGITAL CONTROLLER SYSTEM

#### Issued: 04-05-2024

TIPS AND HINTS TO ASSIST WITH INSTALLATION AND/OR OPERATION

### **Quick Keypad Descriptions**

STOP Manually stops engine and activates the configured output modules.

RESE T Clears all past faulted points and resets all input and output timers to their preset values. If the system is configured with OEM start, pressing this from a fault state will cause the system to lock out the start sequence as a safety feature. Press the "STOP" key to unlock the safety.

TEST Disables output modules, allows testing of input sensors, and resets the test timer to its pre-set value.

CANCEL TIMERS Cancels all timers including test timer.

VIEW CHAN Displays the status of any input channel and its label.

NE X T Displays and edits the CAPACITY CONTROL screen. (A01, -A04) Press NEXT to advance to each analog output channel. From MENU screens, displays the value to be edited.

VIEW Displays the digital output status and graphing mode. While in a fault but the fault not indicated will cause 1st fault to reappear. Pressing RESET before pressing VIEW will erase first fault information.

ENTER Used to accept a selection and save a new value in memory. Will also advance cursor to the next line of data to be edited while in the MENU system.

ESC Exit and view channels, information, or menu screens at any time. Return to previous screen without changing programmed values.

F1 Displays all analog channels (Descriptions and Values). Toggles PID (analog outputs) between manual and auto control when inside the CAPACITY CONTROL MENU.

F2 Press *prior* to pressing RESET for time and date of first fault information. Pressing RESET before pressing F2 will erase first fault. information.

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Press during the RUN state, to enter the COOL DOWN mode.

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This guide provides clarification and additional information to the Operating Manual, FORM DE-3000 IOI 8-14.

Altronic literature can be found at: <u>www.altronic-llc.com</u> in the Technical Library.

## **Quick Reference Guide**

### **Edit and Changes**

1. Press MENU

MENU

- 2. Press ENTER to confirm correct password (default is 1)
- 3. Press MENU to continue
- 4. Use NEXT key or  $\uparrow$  and  $\downarrow$  keys tomove cursor to select one of the following:
  - **Edit Control Values**
  - Edit Safety Shutdown
  - Hour Meter Function
  - View Firmware Rev.
- 5. Press ENTER after selection is made.
- 6. Repeat step 4 to select from each of these selections.
- 7. Press ENTER after selection is made.
- 8. Press ENTER to move cursor in sub-screens and  $\uparrow$  and  $\downarrow$  keys to change values.
- 9. Press ENTER after changes are made. The new values will remain. If they did not take, the original value will come back into view.

IF new values did not take, start over at step 1.

# RUNNING

EDIT CONTROL VALUES →EDIT SAFETY SHUTDOWN HOURMETER FUNCTIONS VIEW FIRMWARE REV.

## RUNNING

CHAN →01

MANIFOLD PRESSURE

LO SP

HI SP

(CONTROL)

20.0 PSIA

60.0 PSIA

VIEW FIRMWARE REV.		DISPLAY NUMBER TERMINAL NUMBER	RUNNING
HOUR METER FUNCTIONS	$\longrightarrow$	HOURS/SERVICE MESSAGE NUMBER TOTAL HOURS RUN TIME HOURS	COMMUNICATIONS TO PREV. MENU
EDIT SAFETY SHUTDOWNS		EDIT SETPOINTS EDIT INPUT CLASS EDIT GLOBAL VALUES MORE MENUS	OUTPUT CONFIGURATION EDIT TIME/DATE
EDIT CONTROL VALUES		EDIT SET POINTS EDIT CONTROLS EDIT PID DEADBAND CALIBRATION	CHAN →01 (SAFETY) LO SP 20.0 PSIA HI SP 60.0 PSIA MANIFOLD PRESSURE

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