QUICK REFERENCE GUIDE

altronic
HOERBIGER Engine Solutions

DE-3000 DIGITAL CONTROLLER SYSTEM

Quick Keypad Descriptions

STOP   Manually stops engine and activates the configured output modules.

RESET   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 preset value.

CANCEL TIMERS   Cancels all timers including test timer.

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

NEXT   Displays and edits the **CAPACITY CONTROL** screen. (AO1, -AO4)
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.

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

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

Altronic literature can be found at:
www.altronic-llc.com
under DOWNLOADS.

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Edit and Changes

1. Press **MENU**
2. Press **ENTER** to confirm correct password (default is 1)
3. Press **MENU** to continue
4. Use **NEXT** key or ↑ and ↓ keys to move 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 ↑ and ↓ 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.

MENU

EDIT CONTROL VALUES → EDIT SET POINTS
EDIT CONTROLS EDIT
EDIT PID DEADBAND
EDIT SAFETY SHUTDOWNS → CALIBRATION

EDIT SETPOINTS
EDIT INPUT CLASS
EDIT GLOBAL VALUES
HOUR METER FUNCTIONS → MORE MENUS → OUTPUT CONFIGURATION
EDIT TIME/DATE
COMMUNICATIONS
VIEW FIRMWARE REV. → HOURS/SERVICE TO PREV. MENU
MESSAGE NUMBER
TOTAL HOURS
RUN TIME HOURS

DISPLAY NUMBER
TERMINAL NUMBER

RUNNING
CHAN →01   (SAFETY)
LO SP   20.0 PSIA
HI SP   60.0 PSIA
MANIFOLD PRESSURE

RUNNING
CHAN →01   (CONTROL)
LO SP   20.0 PSIA
HI SP   60.0 PSIA
MANIFOLD PRESSURE

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