



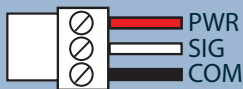
ALIEN²™

PLUNGER LIFT CONTROLLER

Quick Install Guide

Step 1 - Wire Back Panel

- Plug in Valve Connectors.
- Connect Field Devices.
 - 2 Wire Switches are wired to COM and SIG.
 - 3 Wire Sensors are wired to PWR, COM and SIG.
- Plug in Battery Connection.
- Connect Solar Panel.



Step 2 - Setup Security

- Press **install**.
- Enter the default login of 000-0000.
- Scroll down to the **Security** menu.
- Press **5 select** and scroll down until you see Operator ID.
- Press **5 select** and set the desired ID.
- Change the Installer ID in the same manner.

Step 3 - Set Date/Time

- Press **install** and scroll to **Date/Time**.
- Press **5 select** to enter the menu.
- Adjust the Date and/or Time.
- Set the Daylight savings time option to on if desired.

Step 4 - Controller Setup

- Press **install** and then scroll to **Inputs**.
- Enable and configure any required devices.
- Press **cancel** to back out to the menu.
- Scroll to **Outputs** to enable additional valves in the same manner.
- Enter the **Alarms** menu to configure the behaviour when failures occur.
- Enter Optimize to set the optimization.

Note: Changes to install settings do not take effect until the next **Close** cycle.

Step 5 - Start Controller

- Press **close** or **open** to reset the controller to a given state.
- The controller will set the valves and the screen will update to show the current state and remaining time.



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Quick Tips




Changing Timers/Set Points

- Press .
- Use the up/down arrow keys to scroll through each setting.
- Press  to edit a given setting.

Note: Most timers are related to each other and will auto adjust. Values entered below the min or above the max will be adjusted automatically.

Note: Timer settings do not take effect until the next **Close** cycle.


Adding/Removing Devices

- Press  and then scroll to the **Inputs** menu.
- Press  and then scroll through each screen.
- Press  to edit a given setting.



Note: Additional device screens are hidden until the device is enabled.

Note: Changes to input settings do not take effect until the next **Close** cycle.

Change State Manually



- From the main screen, press .
- Select yes, and then set the desired state and time.
- The controller will enter the desired state and then resume normal operation once complete.

View History

- Press  to enter the **History** menu.
- Press  the type of history you wish to see.
- Scroll through each history screen.



Note: All logs in the history menu have multiple records displayed in reverse chronological order.

Modifying Alarms

- Press  and scroll to the **Alarms** menu.
- Scroll to the desired alarm setting and press  to modify it.

Note: Fast Trip and Non Arrival alarms are consecutive occurrences.

Configure Modbus

- Press  and scroll to the **Modbus** menu.
- Press  to enter the menu.
- Select the Modbus Port and set it to enabled.
- Scroll through each setting, ensuring that it matches the Modbus master.

Note: To communicate properly, all communication settings must match the master's settings.



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