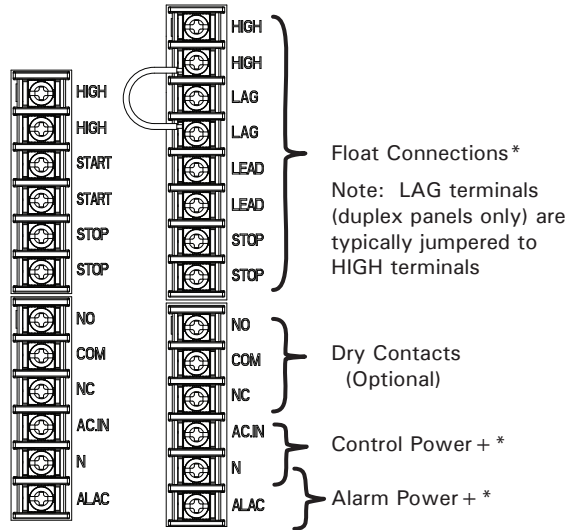# ZOELLER
PUMP COMPANY

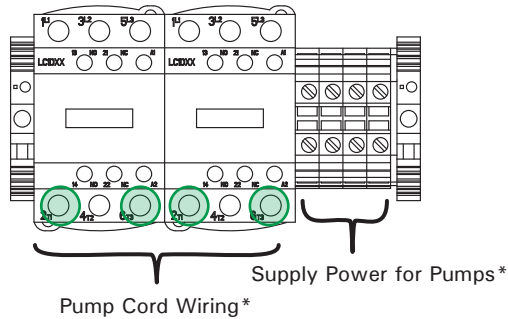# Pivot® Quick Reference Guide

Before You Begin…
- This guide provides an overview of basic Pivot features - further explanation can be found in the manual
- Pivot uses intelligent logic to keep the system operational in the event of failures – certain behaviors may be unfamiliar at first
- Pivot is designed to use just 3 floats for most applications, regardless of simplex and duplex configurations
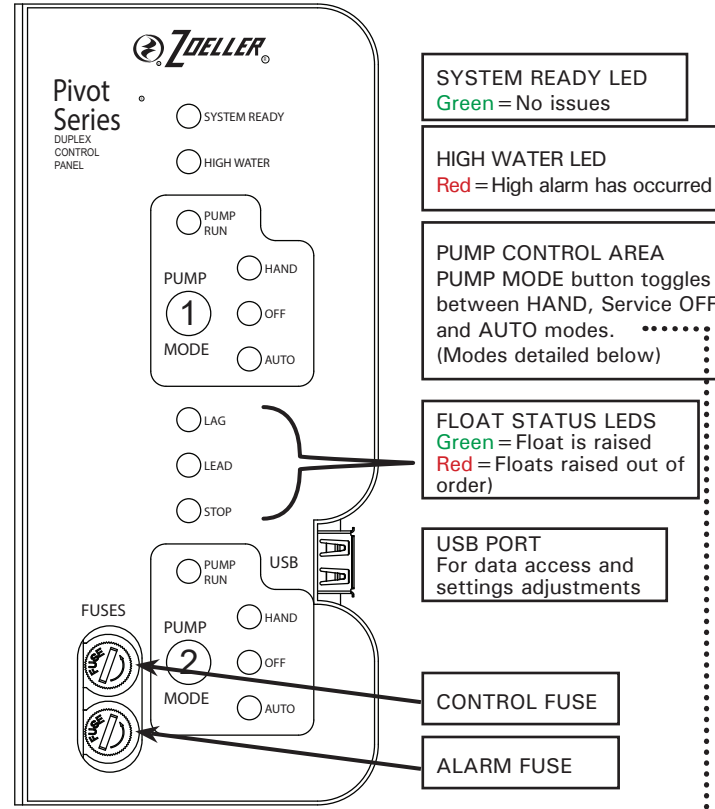
Essential Electrical Connections

HIGH
HIGH
LAG
LAG
LEAD
LEAD
STOP
STOP

Float Connections*

Note: LAG terminals (duplex panels only) are typically jumpered to HIGH terminals

HIGH
HIGH
START
START
STOP
STOP

NO
COM
NC
AC.IN
N
ALAC

NO
COM
NC
AC.IN
N
ALAC

Dry Contacts (Optional)

Control Power + *

Alarm Power + *

Simplex   **Duplex**

+ Note: Both Control and Alarm terminals require power for proper operation

Supply Power for Pumps*

Pump Cord Wiring*

Basic Functions

ZOELLER

Pivot Series
DUPLEX CONTROL PANEL

○ SYSTEM READY
○ HIGH WATER

○ PUMP RUN

PUMP
1
MODE

○ HAND
○ OFF
○ AUTO

○ LAG
○ LEAD
○ STOP

○ PUMP RUN

USB

PUMP
2
MODE

○ HAND
○ OFF
○ AUTO
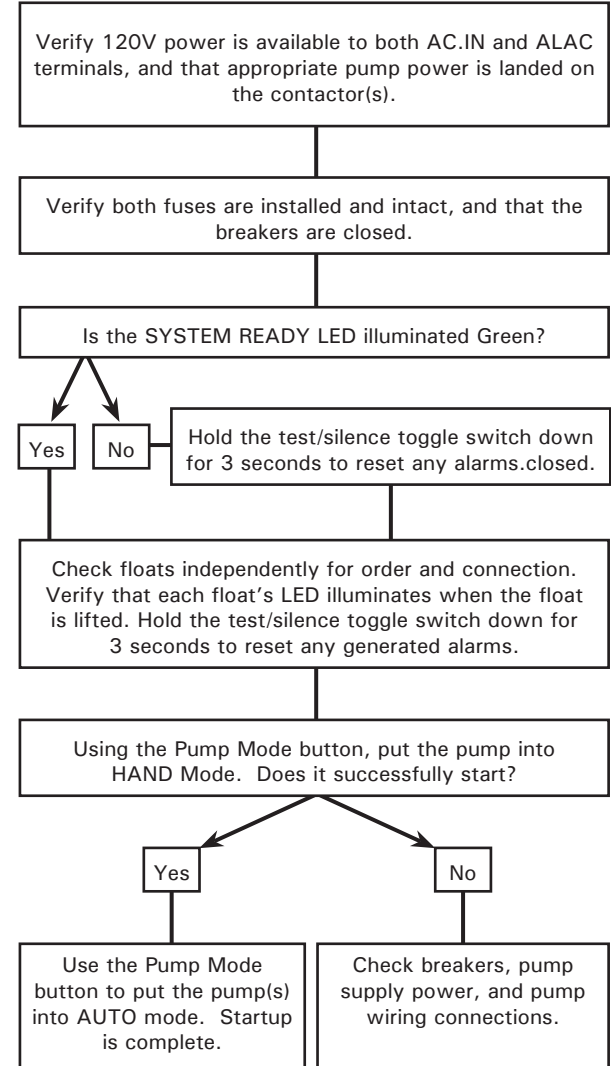
FUSES

SYSTEM READY LED
Green = No issues

HIGH WATER LED
Red = High alarm has occurred

PUMP CONTROL AREA
PUMP MODE button toggles between HAND, Service OFF, and AUTO modes.
(Modes detailed below)

FLOAT STATUS LEDS
Green = Float is raised
Red = Floats raised out of order)

USB PORT
For data access and settings adjustments

CONTROL FUSE

ALARM FUSE

HAND Mode (Solid Blue LED)
-Pump will start and run regardless of float status.
-After 5 minutes in HAND Mode, pump will switch to AUTO Mode

Service OFF Mode (Solid Red LED)
-Pump will not operate regardless of float status
-After 4 hours in Service OFF Mode, an alarm will sound

Permanent OFF Mode (Blinking Red LED)
-Deactivates pump, without alarm, until Mode button is pressed again
-Hold PUMP MODE button for 5 seconds to enter Permanent OFF Mode

AUTO Mode
-Pump will operate automatically based on float status

Startup Process

Verify 120V power is available to both AC.IN and ALAC terminals, and that appropriate pump power is landed on the contactor(s).

Verify both fuses are installed and intact, and that the breakers are closed.

Is the SYSTEM READY LED illuminated Green?

Yes   No → Hold the test/silence toggle switch down for 3 seconds to reset any alarms.closed.

Check floats independently for order and connection. Verify that each float's LED illuminates when the float is lifted. Hold the test/silence toggle switch down for 3 seconds to reset any generated alarms.

Using the Pump Mode button, put the pump into HAND Mode. Does it successfully start?

Yes   No

Use the Pump Mode button to put the pump(s) into AUTO mode. Startup is complete.

Check breakers, pump supply power, and pump wiring connections.

FM3395
0122
Supersedes
NEW

* Denotes required connections

zoellerpumps.com

800-928-7867