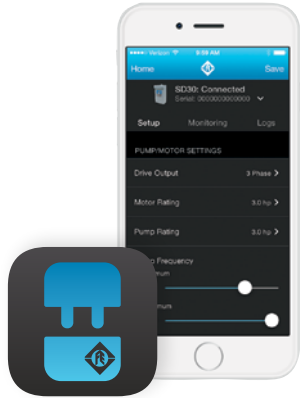


FE CONNECT Mobile App Advanced Setup

Some advanced features can be modified when connected to the SubDrive Connect unit using the FE Connect mobile app. See owner's manual for instructions on how to connect to the drive using Wi-Fi and the FE Connect mobile app.



SETUP

The Setup screen allows for selection between submersible or surface pump applications. For submersible pump applications, see owner's manual for setup instructions. For surface pump applications, the Setup screen allows for the setup of additional features of the drive including:

Pump/Motor Settings

- Drive Application*
- Motor Type (only 3-phase)*
- Motor Frequency*
- Motor Poles
- Motor Overload Current*
- Minimum Output Frequency*
- Maximum Output Frequency*

Pressure Control

- Sensor Type*
- Pressure Transducer Range*
- Primary Setpoint*
- Drawdown
- System Response (Select Slow, Med, Fast, or Custom values for P, I, and R)*

Underload

- Underload Sensitivity*
- Underload Off Time
- Prime Delay

Duplex Alternator

- Configuration

Advanced Options

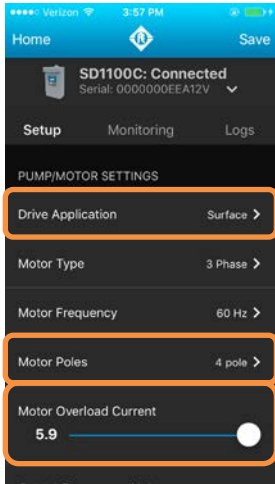
- Tank Size (not used with analog pressure transducer)
- Steady Flow (not used with analog pressure transducer)*
- Bump Mode
- Broken Pipe Detection
- Wet Floor Detect Input
- Auxiliary Input
- Units (hp or kW)
- Reset to Defaults
- Available Firmware Update

*In order to modify these settings using the FE Connect mobile app, the FE Connect DIP switch (SW1 Position 1) on the drive must be in the "ON" (up) position. Otherwise, the drive will default to the settings made via the DIP switches, Pressure Setpoint, and Underload Sensitivity rotary knob on the drive itself.

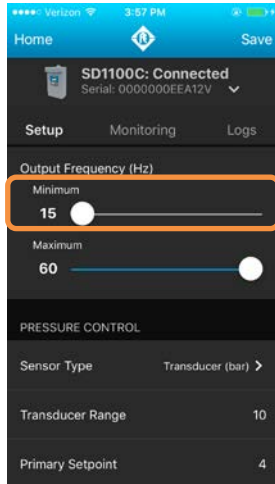
MOBILE APP ADDITIONS

Below is a summary of the parameters in the FE Connect mobile app that were added or modified to support the new surface pump functionality. These changes require FE Connect mobile app version 2.2.0 or later.

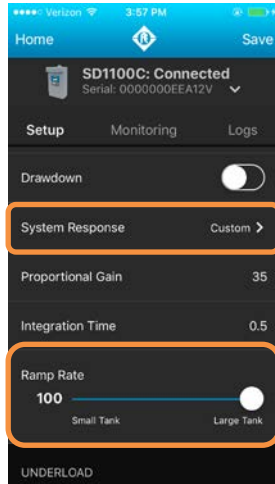
New Parameter



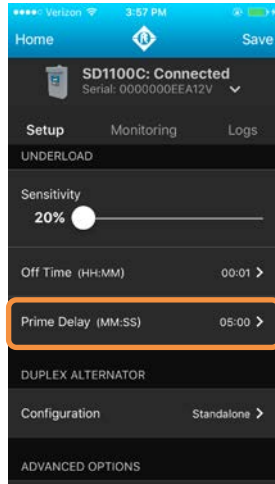
Drive Application: Submersible or Surface
Motor Poles: 2 or 4 Pole (RPM display)
Motor Overload Current: Exact user entry



Minimum Output Frequency:
 Selection between 15 Hz and (Maximum - 1) Hz



System Response: Fast/Med/Slow/Custom
Ramp Rate: 10 to 100%,
 Small and Large Tank Reference



Prime Delay:
 Selectable from 0 sec to 5 min