

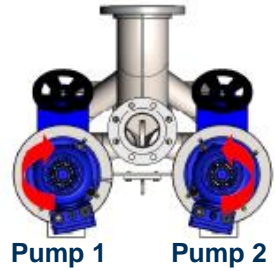
Monthly Maintenance Procedure

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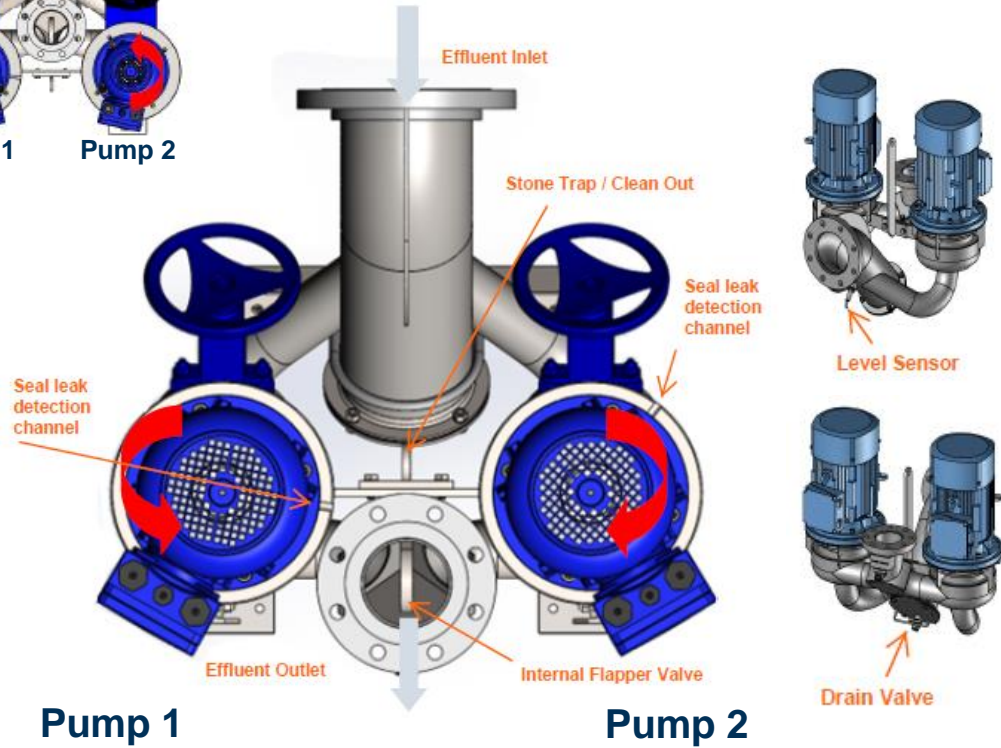
OverWatch
Direct In-Line Pump System



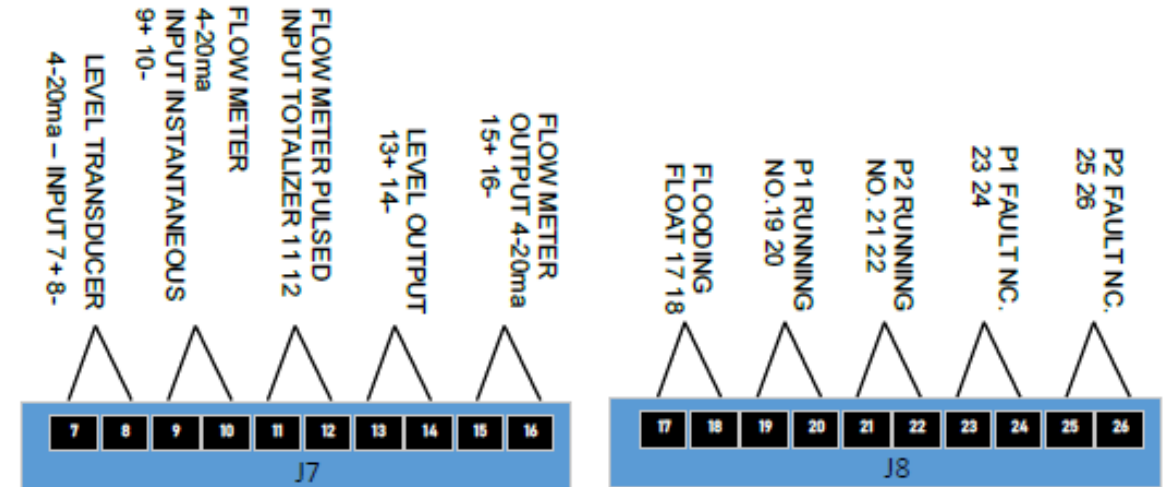
U-Version Rotation Direction: Top View



Standard Rotation Direction: Top View



Terminal Board Connections:



Recommended Monthly Checks: Regularly Check Level Sensor.

- Sump pump is operational, and the sump is clean and dry
- No alarms are present on the variable frequency controller screen
- Confirm the swing check is working properly. Removal of inspection cover maybe required if plugging or leaking is suspected
- No abnormal vibrations or elevated temperatures of the motor or in control panel
- Inspect stone trap/clean out is not full of debris
- Inspect motor fan shroud to confirm free of debris
- No leaks present on the pump; visual inspection of the seal leakage detection channel
- Inspect the internal flapper valve (a proper valve should not cause rotation of opposite motor during pumping)

Fault Codes (see full list in IOM):

3: Earth Fault (Ground fault)	There is a grounding issue that may require further inspection of the motor or cabling.
15: Motor Stall (Motor over temp)	The motor's anti-stall protection has been tripped, check for foreign material in the volute preventing pumping.
17: Auto-Level (Under-load)	The pump is not primed. Check the upstream network for water as well as calibration of the level sensor. (The system must be empty during level sensor calibration.)
50: Sensor Loss	Check for proper functioning of level sensor (Preset run mode at fixed frequency)