**CONTROL PANELS**

**Automatic Control Panels**
- UL Listed Nema 4X Fiberglass Enclosure
- HOA Selector Switch
- IEC Rated Magnetic Contactor
- Field Adjustable Overload Protection
- Includes (2) 50" Mechanical Floats

**Manual Control Panels**
- UL Listed
- Hand/Off Lockable Selector Switch
- IEC Rated Magnetic Contactor
- Field Adjustable Overload Protection
- Nema 4X Fiberglass Enclosure

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**MOISTURE DETECTOR**

The **TSMP SEAL MOISTURE PROBE** is designed to detect moisture in the mechanical seal chamber, alerting customers of potential motor failure. The **TSMP SEAL MOISTURE PROBE** can be field installed on new or existing Tsurumi pump models and connected to the control panel for the appropriate alarm or notification.

**Principle of Operation:**
Sensor is installed through the oil port and directly into the mechanical seal chamber which contains an electrically non-conductive oil. The presence of water changes the chamber fluid mixture to a conductive condition and therefore completes the circuit which will result in a leakage indication on the control panel.

**Electrical Specification**
- **Sensor Type:** Conductive
- **Suggested Seal Fail Relay Voltage:** 24VAC
- **Required Wiring:** Single wire in separate sensor cable to be connected to seal leak relay in control panel by customer.