**Applications:**
- Wastewater Pump Station Level Control
- Water and Wastewater Plant Level Control
- Storm Water Level Control
- Liquid Level Control for Tanks
- Holding Pond Level Control
- Most Liquid Level Control Applications

**Features:**
- Controls up to 3 pumps with built-in alternation and time delay between pump starts.
- Accepts 2 types of sensors including any 4-20 mA level transmitter and float switches.
- Automatically selects a backup sensor in the event the primary sensor fails. If the primary sensor fails then the system will operate with a backup 4-20 mA signal sensor (optional) or backup float.
- On, Off, High, and Low setpoints adjustable from front panel or remotely via serial port.
- 40 segment bargraph displays level, and setpoints.
- External digital level display available.
- Pumps, sensors, and alarms status indicators on front panel.
- Front panel test knob for simulated level input testing.
- 4-20 mA signal output proportional to level.
- RS-232 serial port for SCADA communications support.
- Uses non-volatile memory allowing system to retain program software and setpoints during power loss.
- Proven software that allows for easy setup and reliability.
- Custom software available from factory.

**Specifications:**

**Input Power:**
- 12 VAC ±10%, 3 A max.

**Operating Temperature Range:**
- -30°C to +60°C (-22°F to +140°F)

**Accuracy:**
- ±0.25% of span

**Display Resolution:**
- 2.5%

**Ranges:**
- Limited to external level sensor pressure range

**Inputs (Non-isolated):**
- 3 - Pump disables
- 5 - Float switches
- 1 - 4-20 mA level sensor (standard)
- 2 - 4-20 mA backup level sensors (optional)

**Relay Outputs:**
- Pump 1, 2, and 3 - SPST Form A - 15 A at 125 VAC
- High and Low Alarm - SPDT Form C - 10 A at 125 VAC

**Discrete Outputs:**
- System Error - Open Drain FET, Non-isolated

**4-20 mA Current Loop Output:**
- Non-isolated transmitter
- Total compliance of 12 VDC

**Transient Protection:**
- Metal Oxide Varistor

**Interconnect:**
- Pluggable terminal blocks (screw type)
- Relays quick connect terminals (#250 tab)
- DE-9 connector for RS-232 Bus

**Communications Protocol:**
- Modbus ASCII

**External Dimensions:**
- 6.10"H x 7.70"W x 3.70"D

**UL File Number:**
- E201217

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**Manufacturer of High Performance Instrumentation and Control Systems**

**Triplex Pump Controller II (TPC2)**
**Model Number: 11967-5 (U.L. Listed)**
*(For External Transducers and Backup Float Switches)*

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