

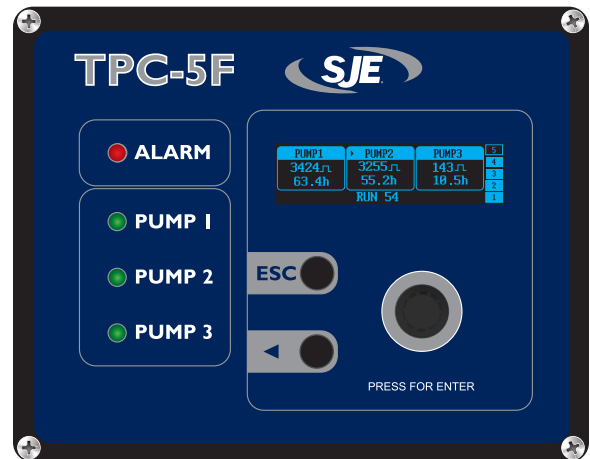
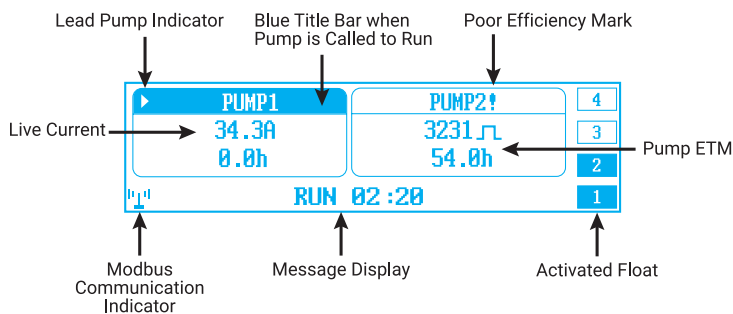
# TPC-5F CONTROLLER

## One, Two or Three Pump Controller

The TPC-5F is an intelligent level controller designed to operate up to 3 pumps in sewage lift station/pump down applications. The controller sequences the pumps ON and OFF in response to changes in the status of float switch inputs. A rotary selector knob, back and escape push buttons are utilized for intuitive menu navigation and quick setting adjustments. A 2.7" blue OLED 64 x 256-pixel display provides easy to read pump operation, float switch status, and fault annunciation.

### FEATURES

- Pump System Protection
  - Starter run feedback
  - Clog/Fail detection
  - Pump System Efficiency
  - Stuck stop float detection
- Demand or Timed Dose operation
- Configurable with no programming software required
- Multiple alternation configurations
- 3, 4, or 5 float switch operation modes with status display
- Pump amps or discharge flow analog input monitoring
- Volumetric flow calculations
- Tank clean-out and pump exercise functions



### SPECIFICATIONS

#### Pump Control and Monitoring:

- Automatic pump alternation
- Simplex, Duplex or Triplex
- Pump run monitoring
- Pump fail-to-start monitoring
- Low level and high level alarms

#### System:

- Pump cycle counters
- Pump elapsed time meters
- Alarm counts
- Float failure detection

#### Electrical:

- 24 VDC supply power (19-28 VDC, 325 mA max)
- 6 Relay outputs (120 VAC, 3 A max)
- 4-20mA analog level output
- Optional battery backup
- 11 Digital Inputs (pre-assigned)
- RS-485 Modbus RTU

#### Mechanical:

- Overall dimensions: 7.2" x 5.3" x 2.0"
- Panel Mount with 4 mounting holes
- Removable terminal blocks

