



CS1100 Tank Alarm

This alarm system monitors liquid levels in lift pump chambers, sump pump basins, holding tanks, sewage, agricultural, and other non-potable water applications.

The CS1100 alarm system can serve as a high or low level alarm depending on the float switch model used.

The alarm horn sounds when a potentially threatening liquid level condition occurs. The horn can be turned off, but the warning light remains on until the condition is remedied. A green "power on" light indicates power to the alarm panel.

UL Listed. CSA Certified. Three-Year Limited Warranty.



FEATURES

- NEMA 1 enclosure, designed for ease of installation, rated for indoor use.
- Red "alarm" light, green "power on" light, alarm "test" switch, and horn "silence" switch.
- Alarm horn sounds at 86 decibels at 10 feet (3 meters).
- Can be used with any UL Listed / Recognized switching mechanism rated to include 1 amp, 12 VAC load.
- Alarm system (when installed on separate circuit) operates even if the pump circuit fails.
- Complete package includes standard SJE SignalMaster® control switch with 15 feet (4.57 meters) of cable (other lengths available) and mounting clamp.
- Switching mechanism operates on low voltage and is isolated from the power line to reduce the possibility of shock.

OPTIONS

When ordered with the alarm, this system is available with:

- alternate float switch models for high or low level warning.
- 120 VAC primary voltage or 230 VAC primary voltage (230 VAC model is not UL Listed or CSA Certified).

ORDERING

Please call factory for available models and list pricing.

SPECIFICATIONS

Voltage for 120 VAC Model:

Primary: 120 VAC, 50/60 Hz, 5 watts max. (alarm condition)

Secondary: 12 VAC

Voltage for 230 VAC Model:

(not UL Listed or CSA Certified)

Primary: 230 VAC, 50/60 Hz, 5 watts max. (alarm condition)

Secondary: 12 VAC

Alarm Enclosure: 6 x 4 x 2.5 inch (15.24 x 10.16 x 6.35 cm), NEMA 1 metal

Alarm Horn: 86 decibels at 10 feet (3 m)

Power Cord: 6 foot (1.8 m)

Float Switch Connection Terminal:

For float switch connection only. Do not apply power. (Voltage across terminals is 12 VAC. Maximum line impedance for initiating device: 5 ohms).

Float Switch: SJE SignalMaster® control switch with mounting clamp

Cable: 15 feet (4.57 meters), flexible 18 gauge, 2 conductor (UL) SJOW, water-resistant (CPE)

Float: 2.74 inch diameter x 4.83 inch long (7 cm x 12.3 cm), high impact, corrosion resistant polypropylene housing for use in sewage and non-potable water up to 140oF (60oC)

Maximum Water Depth: 30 feet (9 m), 13 psi

Electrical: 5 amps, 125 VAC/250 VAC, 50/60 Hz