

# TANK ALERT® EZ DUO ALARM SYSTEM

Innovative, Indoor or Outdoor Liquid Level Dual Alarm System

The Tank Alert® EZ DUO alarm system monitors two separate liquid levels or other contact closure in lift pump chambers, sump pump basins, holding tanks, sewage, agricultural, and other water applications.

The Tank Alert® EZ DUO indoor/outdoor alarm can serve as a high or low level alarm depending on the float switch model used. This easy to install alarm features an innovative, sleek 2-color molded enclosure which integrates the red LED translucent beacon.

The alarm sounds and the upper housing half illuminates when a potentially threatening liquid level condition occurs. The audible alarm can be silenced by pressing the Test/Silence button, but the alarm light will remain on until the condition is remedied. Once the condition is cleared, the alarm will automatically reset. A green "Power On" light indicates power to the alarm panel.

## FEATURES

- 2-color molded enclosure offers a distinct look; upper translucent half illuminates in alarm condition
- Red LED for alarm 1 and amber LED for alarm 2
- Removable lower cover provides greater access for easier field wiring while the internal circuitry remains protected
- Interlocking enclosure features unique sound chamber to amplify the horn, while helping prevent moisture from entering
- External mounting tabs for easy installation
- Enclosure meets Type 3R water-tight standards
- Enclosure has indicator marks on bottom for easy placement of cord entry locations
- Automatic alarm reset, horn silence switch, and alarm test switch
- Alarm horn sounds at 82 decibels at 10 feet (3 meters)
- Alarm system (when installed on separate circuit) operates even if pump circuit fails
- Green power on indicator
- Includes auxiliary alarm contacts for easy attachment of remote devices



U.S. Patent Nos. 8,737,672 and D695,640



**TANK ALERT® EZ DUO** - Versatile, indoor or outdoor alarm system featuring two alarm inputs to monitor two level conditions.

Part #	Description (120V DUO ALARM)	Shipping Weight
1052096	TAEZ-01HDUO (120 VAC w/ (2) 15' SJE SignalMasters®)	3.50 lbs.
1052094	TAEZ-01HDUO (120 VAC w/ 15' SJE SignalMasters®)	2.75 lbs.
1052097	TAEZ-01XDUO (120 VAC - no float switch)	1.50 lbs.

**H** = High Level   **X** = No Float   **DUO** = Dual Alarm Inputs   **MASTER CARTON** holds 12 boxed units.

## CONTROL SWITCH OPTIONS

The Tank Alert® EZ DUO alarm system comes standard with a 15 foot SJE SignalMaster® control switch with mounting clamp. Other float switches are available. See control switch section of the catalog. To determine the price of alarm with an alternate float, add the price of the part number with "no float" to the price of the float switch.

## SPECIFICATIONS

### VOLTAGE FOR 120 VAC MODEL:

**PRIMARY:** 120 VAC, 50/60 Hz, 3.8 watts max. (alarm condition)

**SECONDARY:** 9 VDC

**ALARM ENCLOSURE:** 6.7 x 5.3 x 2.5 inch (17.02 x 13.46 x 6.35 cm), indoor-outdoor, weatherproof, thermoplastic meets Type 3R water-tight standard

**ALARM HORN:** 82 decibels at 10 feet (3 meters)

**AUXILIARY ALARM CONTACTS:** 240 VAC / 30 VDC, 1.5 amps max., 50/60 Hz (circuit not supervised)

### 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 140°F (60°C)

**MAXIMUM WATER DEPTH:** 30 feet (9 meters), 13 PSI

**ELECTRICAL:** 5 amps, 125 VAC/250 VAC, 50/60 Hz