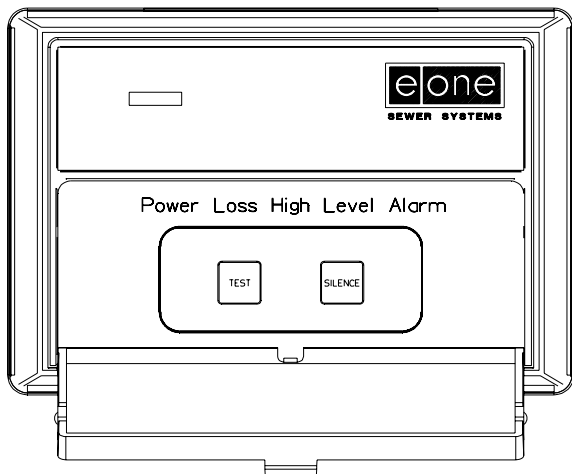


# Remote Sentry Alarm Module



## Description

The Remote Sentry Alarm module provides visual and audible indication when the water level inside the grinder pump tank reaches a predetermined level. It is ideally suited for installations where the outdoor alarm panel is located in an area that is infrequently inspected or obstructed from view. It may also be used with the E/One Indoor Grinder Pump Unit (IDU) in installations where the IDU is isolated in a basement or utility room.

The Remote Sentry Alarm module continues to operate during a loss in AC power when used with the following E/One products:

E/One Sentry alarm panels with contact group

Model 255-3 and Model 265-1 alarm panels

IDU stations delivered since 2002

All E/One Protect and PreSTAT alarm panels

All E/One power-loss alarm panels with “switch-over” dry contacts

## Standard Features

Low profile attractive case

Lithium battery operated

Audible alarm (70 dB)

Visual alarm

Push to silence audible alarm switch

Push to test visual & audible alarm

Low Battery audible/visual indications

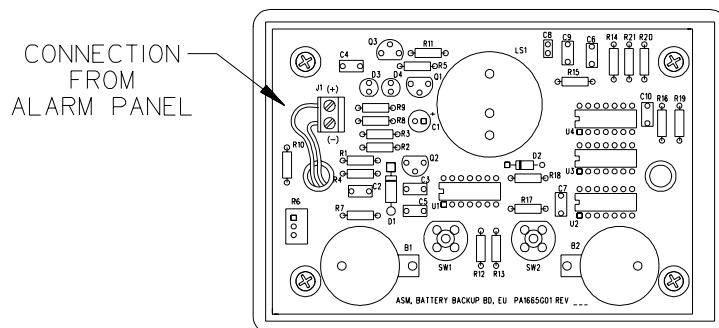
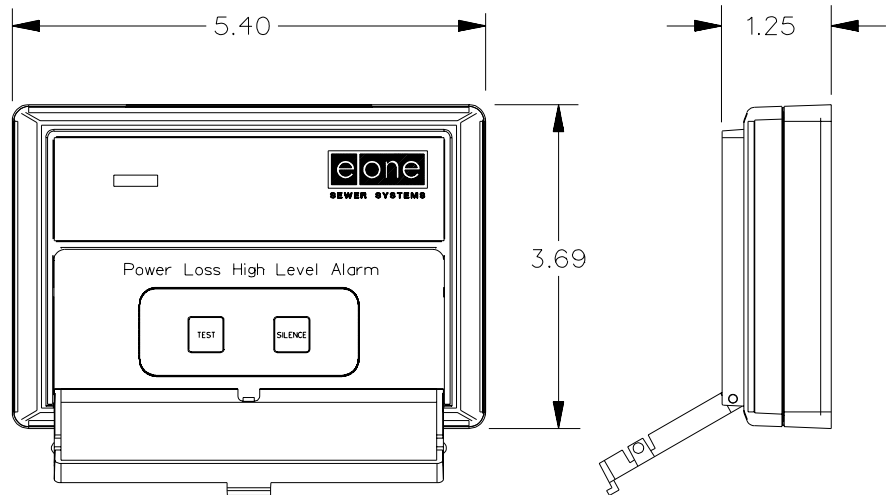
## Optional Features

Operates without AC power if used with E/One power -loss alarm panels or IDU stations delivered since 2002

Note: Wireless cores — The Remote Sentry Indoor Alarm Module will operate as a power-loss indicator in the event of a power outage (no power to core)

# REMOTE SENTRY

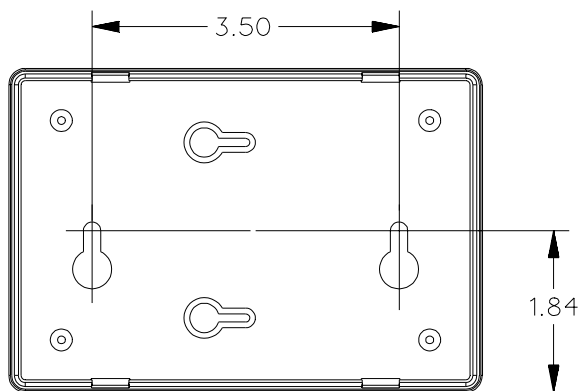
LOW PROFILE CASE  
 LITHIUM BATTERY OPERATED  
 AUDIBLE ALARM  
 PUSH TO SILENCE ALARM  
 PUSH TO TEST ALARM



REMOTE SENTRY  
 SHOWN  
 WITHOUT COVER

## SPECIFICATIONS

12 VDC POWER SUPPLY - (4) LITHIUM CELLS  
 THERMOPLASTIC ENCLOSURE - LOW PROFILE WALL MOUNT  
 (5.4" W x 3.69" H x 1.25" D)



MOUNTING DIMENSIONS



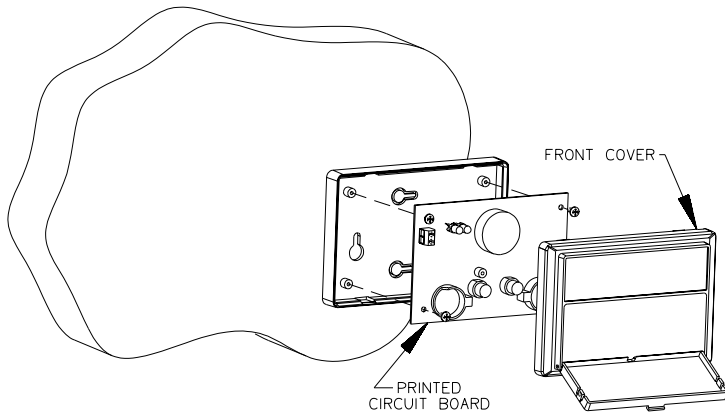
DRL	CAH	12/12/01	-	1/2
DR BY	CHK'D	DATE	ISSUE	SCALE
REMOTE SENTRY				
LM000196				

## E/One Remote Sentry

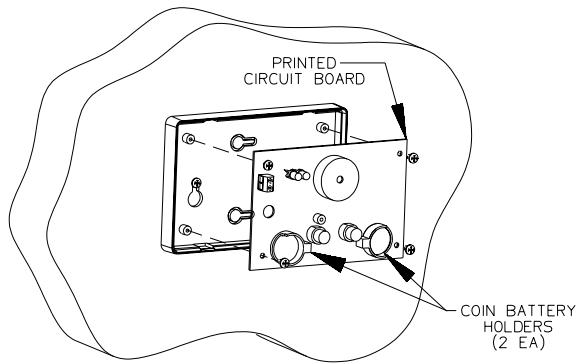
All circuit breakers must be in the "Off" position.

1. Run a 2-conductor, 18-22 AWG electronic signal cable that is UL-rated for 300 volts from the alarm panel to the wall location of the E/One Remote Sentry. Connect the cable to the contacts for Remote Sentry or to Dry Contacts (DC) in alarm panel. (Note: If DC's are used, the Remote Sentry will not work in a power loss situation)

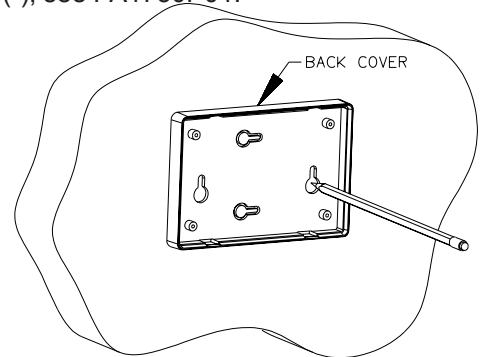
Note: This connection has no polarity, unless connecting to an Indoor Unit (IDU), Red = (+), Black = (-), see PA1730P01.



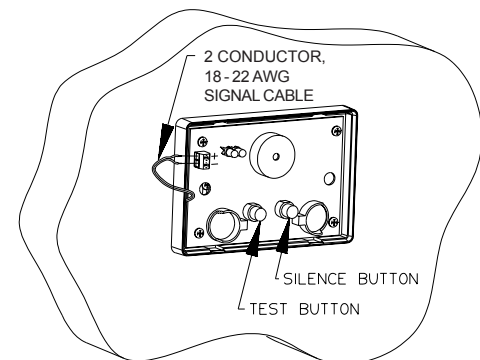
2. Disassemble the E/One Remote Sentry enclosure by snapping off the front cover. Remove the 4 screws securing the printed circuit board and remove circuit board.



4. Remount the printed circuit board to the back cover.
5. If not already installed, insert 4 coin cell batteries (CR2032 or equivalent) into their holders.



3. Mount the back cover to the wall. Run the cable through one of the holes in the cover. Do not connect the cable to the e|one Sentry yet.



6. Press and hold the Test button. The E/One Remote Sentry Alarm LED will go on and the piezoelectric Buzzer will sound.
7. Release the Test button. The Alarm LED will go out and the Buzzer will be silent.
8. Connect the cable to the E/One Remote Sentry and replace the front cover (with an IDU connect the red to positive (+) and black to negative (-)).

Note:

If the station is not going to be connected to power for several weeks, disconnect the 2-conductor wire at the panel to preserve the battery.



E/One Remote Sentry Installation

PA1773P01 Rev. D, 12/13



# E/One Remote Sentry Operating Instructions

(To be left with the homeowner)

Your E/One Remote Sentry unit is designed to supplement your grinder pump station in cases where the alarm panel is not easily seen or heard. The unit comes equipped with four, 3V coin type lithium batteries (CR2032 or equivalent) which under normal operation will last several years before requiring replacement.

## **Normal Use**

Under normal use, your Remote Sentry unit will announce an alarm in conjunction with a high water level in the grinder pump station. This alarm consists of a rapid double flash of the LED in conjunction with a rapid double pulse audible tone. This feature is available even when main power to the grinder pump station has been lost, allowing the use of water during a power outage up until the point the alarm sounds.

## **Silencing the audible alarm**

If an alarm condition at the Remote Sentry unit is indicated, the audible tone can be silenced by pushing the SILENCE button located behind the unit's front cover. The dual flashing LED will still continue as long as the alarm condition is present. A shorter duration 'chirp' of the audible tone will still occur every ~20 seconds as a reminder that the alarm condition still exists and the Remote Sentry has been silenced. Both the flashing LED and any audible tone will cease only when the alarm condition in the grinder pump station has been removed.

## **Low Battery Indicator**

When the battery capacity falls to a level that is unable to reliably announce an alarm condition, the Remote Sentry will indicate this by issuing a single brief 'chirp' of the audible tone in conjunction with a single brief flash of the LED. This will occur approximately every 20 seconds regardless of whether the silence button is pressed. When this condition is present, the batteries require replacement.

## **Battery Life Test**

The Remote Sentry is equipped with a battery life test feature. Pushing the TEST button located behind the unit's front cover will result in a rapid double flash of the LED in conjunction with a rapid double pulse audible tone, similar to what can be expected in a high level alarm condition. If this indication **does not** occur, the batteries require replacement. Releasing the TEST button will stop the tone and LED and return the unit to normal operating mode.