

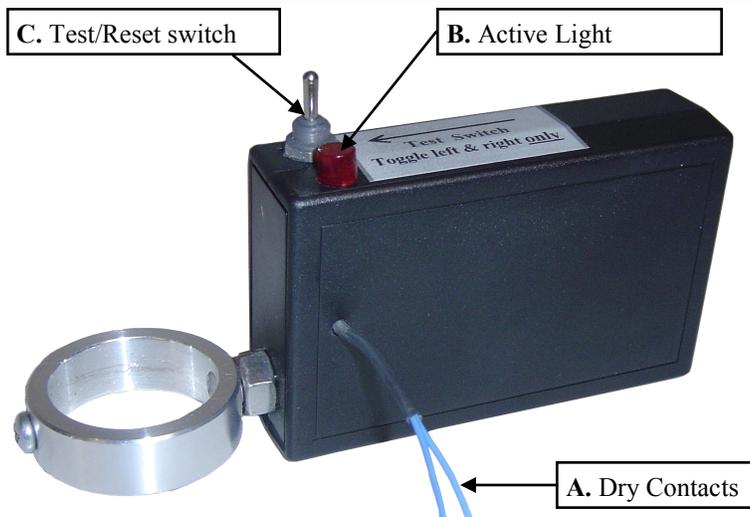


KRUEGER SENTRY GAUGE

Alarm w/ Dry Contacts Owner's Manual

This is a variation of the Krueger Sentry At-A-Glance Alarm. In this variation, the audible alarm is replaced with a set of dry contacts. These contacts can then be used to trigger a switch on your own system, thus turning a pump on or off, triggering your own alarm, etc... The Alarm with Dry Contacts is not designed to power anything, but to simply act as a switch and either close or open a set of contacts.

The alarm is pictured on the top. The bottom picture is of a switch (not included with the alarm). The switch is shown here for example purposes. If your system needs a switch like the one pictured, we can provide one.



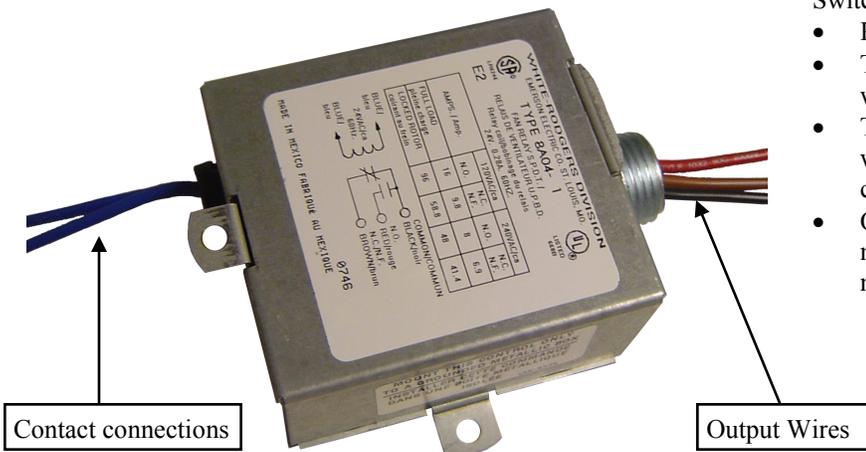
Technical Specifications -

- Powered by 9 volt lithium battery.
- **A.** Dry contacts can handle up to 2 amps of resistive or inductive load.
- **B.** The active light is a red blinking led. When light is blinking, it means the contacts have been triggered and the unit must be reset.
- **C.** The Test/Reset switch can be used to check the battery. Click it left or right. If the red light comes on the battery is working.
- **C.** The Test/Reset switch is also used to reset the alarm. When active, the red light will be blinking. Toggle the switch left or right to reset the alarm back to ready.

This Switch (below) is not included and is meant as example

Switch Example: Pictured on left

- Relay switch, good to 1/2 horsepower motor.
- The blue wires are the contact connection. This is where you connect our (A) Dry Contacts.
- The output wires connect to your device, and the wiring diagram will explain either normally open contacts or normally closed contacts setup.
- On this relay switch Black and Red would be normally open, and Black and Brown would be normally closed.



KRUEGER SENTRY GAUGE

1873 Siesta Lane Green Bay, WI 54313 Ph: 920-434-8860 Fax: 920-434-8897 web: www.ksentry.com email: info@ksentry.com

Alarm with Dry Contacts -Installation Instructions

Step 1 – If you are installing the alarm on an existing gauge that you already own, then the first step is to install the magnet (provided) on your gauge. (If you ordered the alarm with a gauge, the magnetized indicator will already be installed, skip this step.)

- Remove the red plastic nut (may be aluminum) that holds the top of the gauge in place. Once you remove the nut you will be able to remove the calibration (the plastic tube that shows your tank level). After the calibration is removed you should have access to your red indicator. Pull the indicator off by pulling gently upward.
- Make a mark on the indicator rod ½” from the top. Take the small metal clip (provided) and push it onto the rod down to the mark. Then push the magnet onto the same rod until it is sitting flush on top of the small metal clip. You may need to file any burrs off of the tip of the rod before the magnet will be able to fit over it.
- Once the clip is installed with the magnet on top of it, you will then reinstall your red indicator. Be sure to use the new red indicator provided with your alarm, and discard the old indicator that you previously removed.
- Reassemble the calibration and lock nut.

Step 2 – Install your nine volt lithium battery.

Step 3 – Loosen the set screw located on the aluminum ring of your alarm. Slide the ring over your calibration down to the level that you wish your alarm to sound. Once set at your preferred alarm level, tighten the set screw to hold the alarm in place.

Step 4 (Remote Only)- Run your wire to the location you wish to have your alarm, and mount your alarm using your preferred method.

Additional info: The switch located on the alarm can be used to silence or reset the dry contact alarm after it goes off. It will automatically reset to re alarm when the magnet moves back out of the alarm area. The switch can also be used to test the battery. Toggle it once to activate it and once more to reset it.

The switch is a toggle switch. It is meant to be moved left and right. DO NOT PUSH DOWN ON THE SWITCH.

AlarmR-DC-FL



AlarmR-DC-FL-TO



AlarmD-DC-FL



AlarmD-DC-FL-TO



Dry Contact Alarms:

All Models

- 9 Volt Lithium battery should be replaced at least once per year. Depending on the frequency of use, the battery may need to be replaced sooner.

Part Number - AlarmR-DC-FL

- The toggle switch will reset the contacts, light, and test the battery.
- This version does not include an audible alarm. When it triggers, the contacts will close and the flashing LED will activate.

Part Number - AlarmR-DC-FL-TO

- The toggle switch will reset the contacts, light, alarm, and test the battery.
- 9 Volt Lithium battery should be replaced at least once per year. Depending on the frequency of use, the battery may need to be replaced sooner.
- This version does include an audible alarm. When it triggers, the contacts will close, the alarm will sound, and the flashing LED will activate.
- The time-out feature saves battery life. It shuts down the alarm after 20 seconds. The light will continue flashing and the alarm will chirp at even intervals until it is reset.

Part Number - AlarmD-DC-FL

- The toggle switch will reset the contacts, light, and test the battery.
- This version does not include an audible alarm. When it triggers, the contacts will close and the flashing LED will activate.

Part Number - AlarmD-DC-FL-TO

- The toggle switch will reset the contacts, light, alarm, and test the battery.
- 9 Volt Lithium battery should be replaced at least once per year. Depending on the frequency of use, the battery may need to be replaced sooner.
- This version does include an audible alarm. When it triggers, the contacts will close, the alarm will sound, and the flashing LED will activate.
- The time-out feature saves battery life. It shuts down the alarm after 20 seconds. The light will continue flashing and the alarm will chirp at even intervals until it is reset.

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