KRUEGER SENTRY GAUGE
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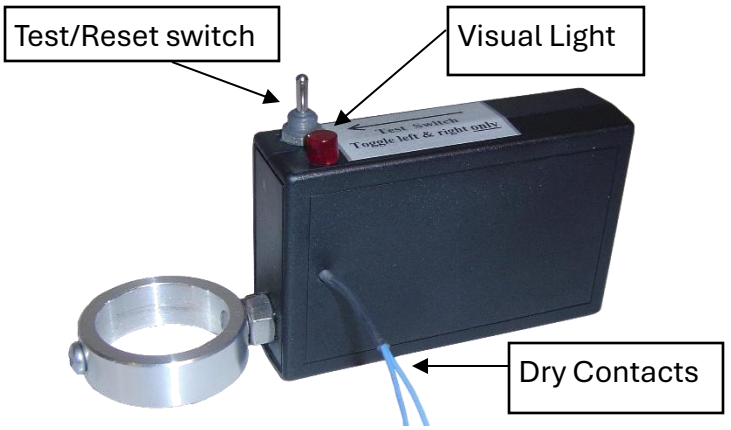
At-A-Glance ® Direct and Remote Mount Alarm Models – Dry Contacts

Open vs. Closed—Dry Contacts

- Open is standard– Has one set of normally open contacts
- Capable of flipping a switch but can't power or run other devices (can turn on something that is off but can't power it)
- Output— 0 Amps– Has no power output
- Input— up to 2 Amps—Can switch a 2 Amp load (Up to 120v, but not recommended)
- Handle up to 120 volts—Can switch 120v load but only through an auxiliary relay
- One alarm per device
- External device can be anything– AC or DC external powered
- The dry contacts can be broken by a ground, 9 to 12 volts, as long as it is not over 2 Amps, normally open

Technical Specifications

- Compatible with gauge types: D, H, K, B, OF PH, and PD.
- Powered by a 9-volt battery (not included).
- Magnetic switch triggers a 110 DB alarm.
- Comes with a magnetic indicator.
- Weather-resistant and semi waterproof (cannot be submerged).
- Third party tested and approved to be Intrinsically Safe.
- Toggle switch will reset: Contacts, light and test battery.
- Remote Only - Comes with 25 feet of wire. Can be ordered with up to 100 feet of wire.





DAlarm-DC-FL – (Not Audible) Audible alarm is replaced with a small flashing LED light. When alarm triggers, the contact will close and the flashing light will visually alert and continue until reset.



RAlarm-DC-FL – (Not Audible) Audible alarm is replaced with a small flashing LED light. When alarm triggers, the contact will close and the flashing light will visually alert and continue until reset.



DAlarm-DC-FL-TO – Audible alarm with flashing light and time-out feature. When alarm triggers, the contacts will close, the alarm will sound, and the flashing LED will activate. The time-out feature will shut down the alarm after 20 seconds to save on battery life, but the light will continue to flash, and the alarm will chirp every few seconds.



RAlarm-DC-FL-TO – Audible alarm with flashing light and time-out feature. When alarm triggers, the contacts will close, the alarm will sound, and the flashing LED will activate. The time-out feature will shut down the alarm after 20 seconds to save on battery life, but the light will continue to flash, and the alarm will chirp every few seconds.

When ordering an alarm that is going to be used with a gauge guard you need to order special because the rings are made to fit the gauge. Example: DAlarm-DC-FL-GG for Direct Mount Alarm and RAlarm-DC-FL-GG for Remote Mount Alarm.

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At-A-Glance ® Direct and Remote Mount Installation Guide - Dry Contacts

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 to step 2)

Step 1 - Installing the Magnet

- Remove the lock nut that holds the top of the gauge in place. Once you remove the lock 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.
- File off any burrs on the end of the rod in order to fit the magnet onto the rod. 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.
- Once the clip is installed with the magnet on top of it, you will then reinstall the 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 a nine-volt lithium battery (not included).

Step 3 – Adjusting the set screw.

- 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 Version Only)

- Run your wire to the location you wish to have your alarm and mount your alarm using your preferred method.

Toggle Switch Notes **DO NOT PUSH DOWN ON THE SWITCH** – move left and right

- Can be used to silence the alarm after it goes off. It will automatically reset to re alarm when the magnet moves back out of the alarm area.
- Can be used to test the battery. Toggle it once to activate it and once more to reset it.

