Absence of Water Detector

2808

- Senses The Lack Of Or Presence Of Any Non-Volatile Liquid
- Microprocessor Controlled
- Standard Sampling Rate Is Once Every 2.5 Minutes
- Submersible and Fully Self Contained

2808

The G.R.I. 2808 Absence of Water Detector is targeted for monitoring a fluid level height. This submersible, fully self-contained sensor can safely and reliably sense and respond to the absence of, or presence of a non-volatile liquid in a wide range of environmental conditions.

The G.R.I. 2808 Absence of Water Detector is a microprocessor controlled device. The sensor produces a one second signal between two stainless steel probes once every 2.5 minutes. Depending on the conductivity measured between the two probes, a set of internal relay contacts will be latched in an open or closed position.

External wire connections are provided for control interface. Connection to a communication device, such as a wireless transmitter or signal processor, will allow the 2808 to be used as a "set it and forget it" liquid sensor.

Optional custom sample rates available. Please call factory.

Warranty:
One year warranty against workmanship, material and factory defects.

GEORGE RISK INDUSTRIES, INC.
G.R.I. PLAZA
KIMBALL, NE 69145

MADE IN U.S.A.

TOLL-FREE 1-800-445-5218
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(308) 235-4645
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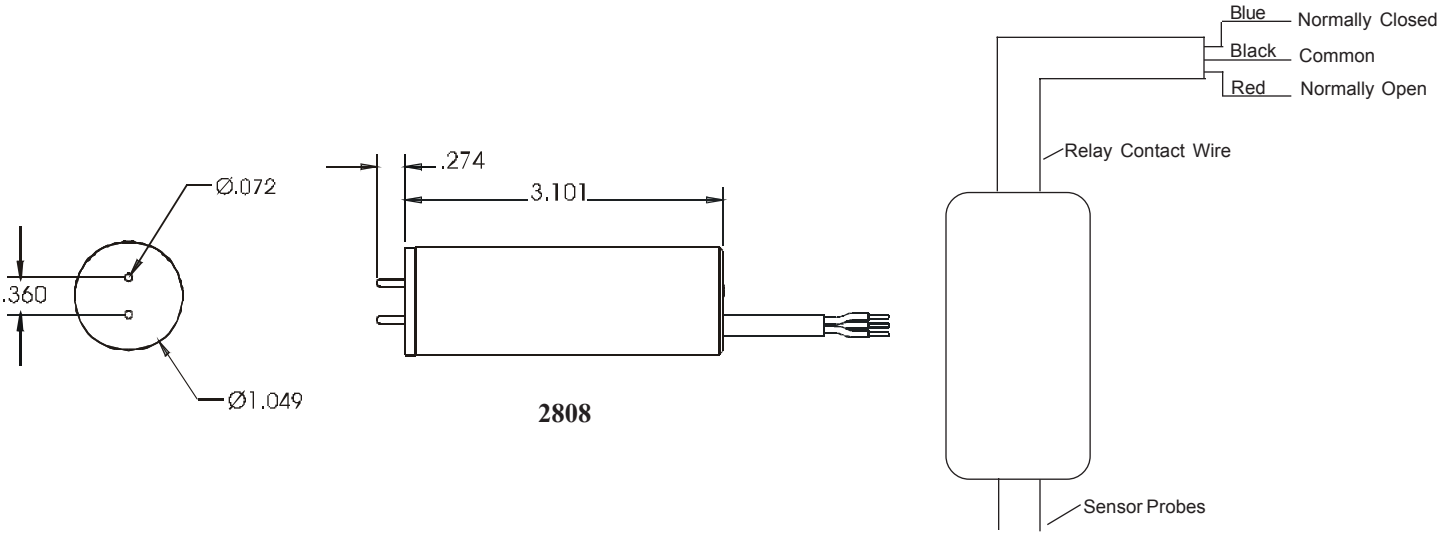
ABSENCE OF WATER DETECTOR

INSTALLING THE G.R.I. 2808:

The G.R.I. Absence of Water Detector is installed by mounting the unit so that sensor probes are located at the desired fluid level position. Insertion of the 2808 into the liquid will confirm that mounting point as the **minimum** liquid level height. Mounting the 2808 above and out of the liquid will confirm that mounting point as the **maximum** liquid level height. With a sampling rate set at once every 2.5 minutes, a latching C form relay output will set upon first initial sampling after mounting, and maintain that set during subsequent samplings up to and until a change in status occurs. At that time, the C form relay will reset, signalling that change. The device is secured in place using the provided plastic strap. Connections to the relay control wires are made using a suitable wire connector. Note: Watertight connectors may be needed if connector location will be submerged.



Wiring Diagram

SPECIFICATIONS:

Operating Temperature:	0° C - 70° C
Sample Rate:	24 Per Hour (Once Every 2.5 Minutes)
Contact Rating:	
Nominal Switching Capacity:	2A @ 30VDC
Maximum Switching Power:	60W
Maximum Switching Voltage:	220VDC
Maximum Switching Current:	2A

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BA-185 Rev. B