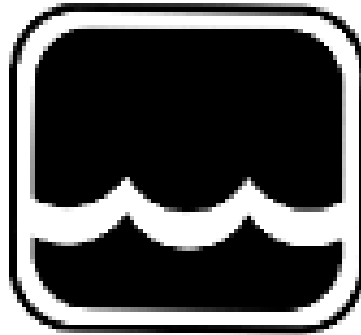




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# **Global Water**

## **Instrumentation, Inc.**

151 Graham Road  
P.O. Box 9010  
College Station, TX 77842-9010  
T: 800-876-1172  
Int'l: (979) 690-5560, F: (979) 690-0440

Water Alarm Sensor: WA600



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Congratulations on your purchase of the Global Water WA600 Water Alarm Sensor. This instrument has been quality tested and approved for providing accurate and reliable measurements. We are confident that you will find the WA600 to be a valuable asset for your application. Should you require assistance, our technical staff will be happy to help.

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**I. WA600 Checklist**

- a. Water Alarm Sensor
- b. WA600 Manual

**II. Inspection**

- a. Your WA600 unit was carefully inspected and certified by our Quality Assurance Team before shipping. If any damage has occurred during shipping, please notify Global Water Instrumentation, Inc. and file a claim with the carrier involved.

Use the checklist to ensure that you have received everything needed to operate the WA600.



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### **III. Water Alarm Sensor Installation**

- a. Water Alarm Sensor specifications.

Output:	Contact Closure (Green and White wires)
Operating Voltage:	10-36VDC
Operating Temperature:	-40° to +55°C
Size of Probe:	1" diameter x 5" long
Weight:	1/2 lb.

- b. Position the Water Alarm Sensor's exposed metal pins at the level where the sensor should alarm.
- c. **Do not install the WA600 in applications that contain solvents.** Over time, many solvents can deteriorate the cable.
- d. The Water Alarm Sensor is a four-wire sensor. Connect the black wire to ground. The green and white wires form two halves of a circuit. When water bridges the pins on the end of the sensor it completes the circuit, acting as a switch. The red wire is positive voltage. **Warning: Always connect the sensor with the power turned off.**

### **IV. Maintenance**

- a. The sensor must be cleaned periodically. The suggested cleaning rate depends on the installation area and how often it contacts the water. In dirty areas the sensor should be cleaned monthly. In a clean area they can be cleaned yearly. The sensor can be cleaned using water and liquid dish soap. A small amount of bleach can be added if there appears to be algae growth. Metal contact pins should be cleaned with a bristle brush, soap, and water.



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## V. **Trouble Shooting**

Issue: Water Alarm Sensor not operating correctly

- a. Verify power source is supplying correct voltage.
- b. Clean the metal contact pins.

Other issues

- c. Call us for tech support: 800-876-1172 or 979-690-5560 (many problems can be solved over the phone). Fax: 979-690-0440 or Email: [globalw@globalw.com](mailto:globalw@globalw.com).

Be prepared to describe the problem you are experiencing including specific details of the application and installation and any additional pertinent information.

- d. In the event that the equipment needs to be returned to the factory for any reason, please call to obtain an RMA# (Return Material authorization). Do not return items without an RMA# displayed on the outside of the package.

Clean and decontaminate the WA600 if necessary.

Include a written statement describing the problems.

Send the package with shipping prepaid to our factory address. Insure your shipment, as the warranty does not cover damage incurred during transit.

- e. When calling for tech support, please have the following information ready;
  1. Model #.
  2. Unit serial number.
  3. P.O.# the equipment was purchased on.
  4. Our sales number or the invoice number.
  5. Repair instructions and/or specific problems relating to the product.



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## **VI. Warranty**

- a. Global Water Instrumentation, Inc. warrants that its products are free from defects in material and workmanship under normal use and service for a period of one year from date of shipment from factory. Global Water's obligations under this warranty are limited to, at Global Water's option: (I) replacing or (II) repairing; any products determined to be defective. In no case shall Global Water's liability exceed the products original purchase price. This warranty does not apply to any equipment that has been repaired or altered, except by Global Water Instrumentation, Inc., or which has been subject to misuse, negligence or accident. It is expressly agreed that this warranty will be in lieu of all warranties of fitness and in lieu of the warranty of merchantability.
- b. The warranty begins on the date of your invoice.

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