GREYSTONE
ENERGY SYSTEMS INC

Water Detector
Installation Instrustions

The water detector incorporates microchip technology and either gold-plated electrodes (single point detection either local or remote) or detection cable (continuous detection). This device can be operated from either an AC or DC supply and has a built-in fail-safe mechanism. The output of the detector is a reverse acting form "C" relay contact capable of switching 2 Amps at 250 Vac.

Fail-safe circuitry is incorporated in the WD-100 to signal an alarm condition in the event of a power loss or internal malfunction. This offers maximum security of the monitoring system.

Installation

For the single point device adjust the legs of the enclosure so that the probes on the bottom are at the desired detection height and secure the enclosure at the holes in the adjustable feet.

For the continuos cable device lay the cable on the surface to be monitored and use the supplied cable clamps to affix the cable to the surface. The cable can also be wrapped around a pipe. The enclosure should be mounted where it will stay dry.

For the remote probe device use a screw (not included) to mount the terminal block with the probes in the area to be monitored. The enclosure should be mounted where it will stay dry.

Before Installation

Read these instructions carefully before installing and commissioning the water detector. Failure to follow these instructions may result in product damage. **Take electrostatic discharge precautions during installation and do not exceed the device ratings.**

SPECIFICATIONS

Power Supply	14 - 32 V ac/dc
Power Consumption	60 mA max @ 24 Vdc (no water)
Operating Temperature	-40 to 85 C (-40 to 185 F)
Output Rating	Form "C" contacts 2 Amps @ 250 Vac (General use) 2 Amps @ 30 Vdc (Resistive)
Continous Cable Rating	CL2P (UL)

Note : The relay output state is shown in the powered state with no water present.

Fluids than can be detected	Fluids that can't be detected
City water	Pure water
Sea water	Gasoline
Copper sulfate solution	Oil
Weak acid	Brake fluid
Weak base	Alcohol
Household ammonia	Ethylene glycol
Water & glycol mixture	Paraffin
Wet soil	Dry soil
Coffee	Whiskey

WIRING

Supply

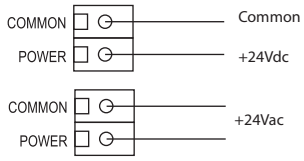
POWER	**Positive DC/AC**
COMMON	**Common/AC**

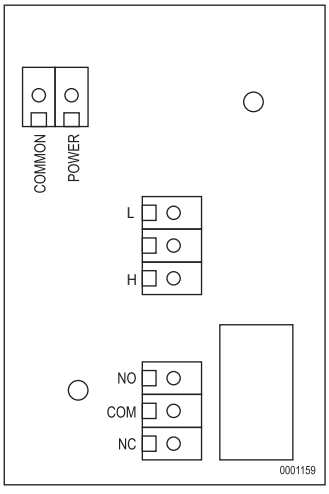
Relay Output

NC	**Normally Closed**
COM	**Common**
NO	**Normally Open**

Remote Probe/Cable

L	**Remote Lead**
H	**Remote Lead**





Greystone Energy Systems, Inc. 150 English Drive, Moncton, NB E1E 4G7 Canada Tel: +1-506-853-3057 Tollfree (North America): +1-800-561-5611 Fax: +1-506-853-6014
Email: support@greystoneenergy.com Web: www.greystoneenergy.com