

## DM-2 INSTALLATION INSTRUCTIONS

**Power:** This unit requires 5 Volts regulated DC to operate. It is supplied with an pre-connected adapter which allows the unit to be powered by 12-24 Volts DC/AC with no attention needed to polarity.

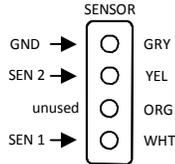
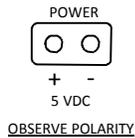
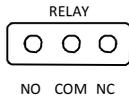
**Moisture Probes:** Terminals **WHT/GRY** and **YEL/GRY** are used for the moisture probes. Terminals **WHT/GRY** are used when a single moisture probe (2 wire)\* is used with a pump with a plastic air section.

\* Includes NDP-5, NDP-15, NDP-20P-PP, and NDP-25P-PP.

**Relay:** This unit is equipped with a SPDT relay. To provide "failsafe" against un-powering an alarming unit, the relay is energized when the unit is powered and switches when an alarm is detected or the unit is un-powered. Be sure to understand the status of the contacts in the various conditions from the "Truth Table" below before wiring up the relay.



		N.O. Contacts	N.C. Contacts
Power	Leak		
OFF	NO	OPEN	CLOSED
OFF	YES	OPEN	CLOSED
ON	NO	CLOSED	OPEN
ON	YES	OPEN	CLOSED



The **relay** is rated for 2 AMPS @125 VAC and will switch according to the above "Truth Table".

The unit **alarm threshold** is approximately 75 microSeimens which is less conductive than tap water. To avoid false alarms, the unit rechecks an alarm 10 times in the first 2 seconds to confirm its validity.

**Indicators:** When power is applied to the DM-2, it will go through a 2 second diagnostic testing the relay, LED and audible alert. The LED will then be green. When a sensor is contacted by conductive liquid, the LED will turn red and blink in unison with the audible alert; once for the WHT/GRY pair and twice for the YEL/GRY pair.

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