

## Nelson 8701 EZ Pro™ Xtra Moisture Sensor

### Product Description

The **8701** works with your existing sprinkler timer, incorporating cutting edge moisture sensing technology to prevent over watering. A timer or clock has traditionally governed automated sprinkler control systems. Day in and day out, rain or shine, these clocks faithfully water our landscapes. Because they water according to time, and not according to the level of moisture in the soil, they waste a tremendous amount of water.

The **8701** overcomes the problem of chronic over watering through use of the Nelson Digital TDT™ Soil Moisture Sensor. The sensor constantly measures soil moisture and will only allow a water cycle when the moisture drops below a "turn on" threshold that you have set, suspending water cycles until your turf needs it. During the hottest part of the year, soil moisture is depleted more rapidly and the system will water more frequently. Then when the temperature cools, or you get a big rainstorm, the system will inhibit watering until the moisture level in the ground falls below the "turn on" threshold.

### Water Savings

Installing a closed loop Nelson precision irrigation system will typically result in water savings of 30% or more. Thus, the system pays for itself in a very short time, and your landscaping will look great.

### Capacity

The **8701** comes with one Digital TDT™ Soil Moisture Sensor and supports most existing, timed systems.



### Controls

The **8701** has the ability to set, maintain and monitor any desired moisture level. It also contains a bypass switch allowing the traditional timed controller to run as if the **8701** were not present. The **8701** will continue to take moisture readings, but will not inhibit the timer from watering.

### Specifications

- 25 Volts AC at 12 watts
- 18" Cable for power and timer connection
- Operating Temperature Range: -20 C to 70 C
- Survival Temperature Range: -40 C to 85 C
- Digital TDT™ Soil Moisture Sensor with 25' of wire