



Precipitation Detector

S1391W / S1391Z

- No moving parts
- Completely automatic
- Power: draws 800 mA at 12 VDC
- Reliable and low cost

This precipitation detector detects, rain, snow, sleet, hail or even heavy dew. The purpose is to let you know if the surface is wet – regardless of the cause. The detector is operated with its own internal microprocessor, and is constantly measured for moisture. A heater will evaporate the moisture, which in turn tells the system when the rain or snow has stopped. A small collar around the sensor traps moisture onto the sensing unit, but a drain allows excess to escape and the remainder is evaporated by the heater.

The unit is designed to be self-cleaning and should not require routine maintenance.

The precipitation detector is often used in tandem with any of the optical precipitation sensors to detect either heavy dew or precipitation that is too slight to be measured by the optical sensors.

