

SNR-WET Conductive Liquid Sensor

■ Features

- Exterior constructed of durable polyurethane
- Removable electrodes can be replaced
- Available in 25 foot and 50 foot lengths, with various termination options and custom lengths can be provided as well
- Can be used directly with the battery powered Conductive Liquid Control Relay Box or with many Data Dolphin loggers
- Perfect for manhole, vault and sewer applications
- AC powered or Battery Powered with up to 2 Years off 2xAA cells

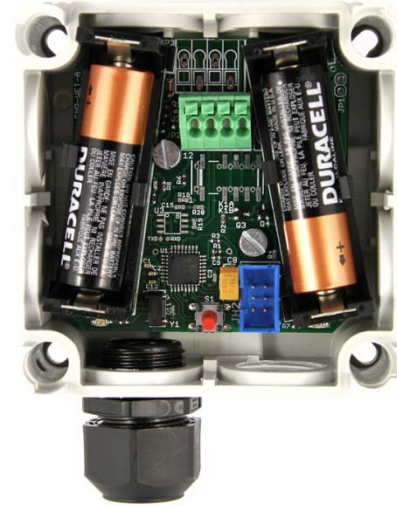
■ Operational Description

This durable weather instrument for sewer interconnects, monitoring streams, reservoirs, surface water, or tank levels can reliably and accurately provide you with consistent readings in a variety of operating conditions. This wet sensor was designed to provide a low-cost, reliable, industrial, submersible probe. Its simple design ensures trouble-free operation, yet provides reliable readings when used with an Optimum Instruments Data Dolphin Series Data Logger or with your own equipment used with the relay box. It has a chemical resistant polyurethane shield around the electrodes. Extremely durable water barrier cable can be ordered in either 25 feet standard size or a longer 50 foot version and with other custom lengths available. And due to the simple two wire operation, the cable can be shortened by the customer if necessary on location.

The wet sensor can be used with any of the Optimum Instruments Data Loggers and will include the proper cable termination to connect. Through the Data Dolphin software one can set the time necessary and number of readings to determine a wet event has occurred.

■ Applications

- Detect sewer interconnect overflow events
- Detect tank or vault fluid level
- Weir water level alarms
- Environmental monitoring
- Below ground vault monitoring



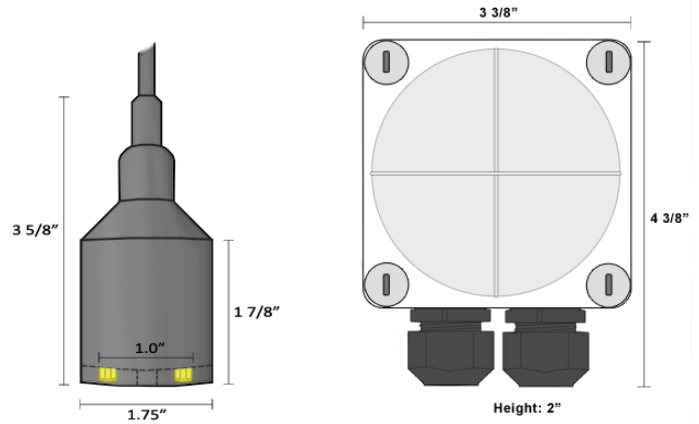
■ Technical Specifications

Power Requirements	
• Not applicable	
Environmental	
• Standard	0 to 95°C (32 to 200°F)
Materials	
• Sensor Head	Molded Polyurethane
• Electrodes	Replaceable Brass
• Cable	Water barrier polyurethane
• Size (inches)	
- SNR-WET	1.75 x 1.875 x 3.625
- Relay Box	3.375 x 4.375 x 2.00
• Size (cm)	
- SNR-WET	4.45 x 4.76 x 9.21
- Relay Box	8.573 x 11.11 x 5.08
• Weight	
- SNR-WET	1.36kg (3 lbs)

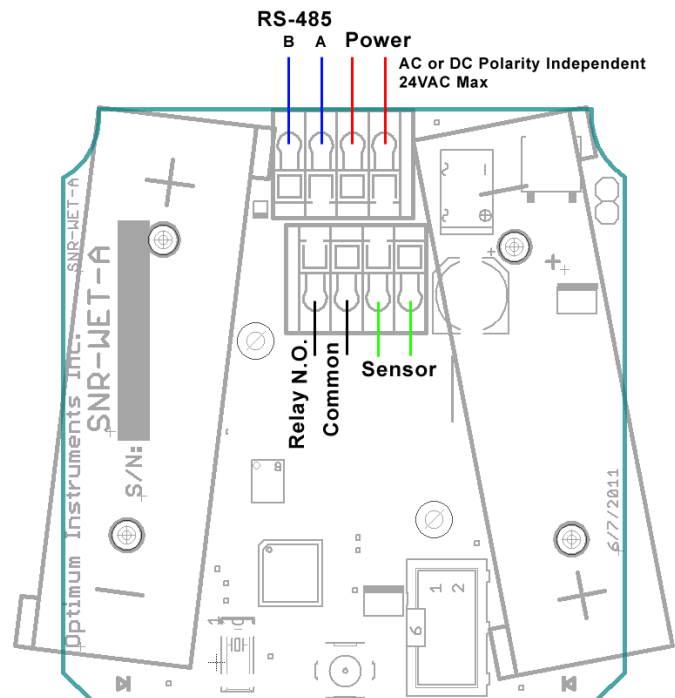
Specifications are subject to change without notice.



■ Sensor Dimensions



■ Wiring



■ Ordering Information

Model	Description
SNR-WET-25	Wet Sensor with 25 feet of cable
SNR-WET-50	Wet Sensor with 50 feet of cable

Interface Options: Add either A or B to end of part number to specify AC Power configuration or Battery Powered option respectively. Interfaces with relay box or with Optimum Instruments Inc Data Dolphin line of Data loggers,.