

## Dual Float Reservoir Sensor



### Product Description

Model RSU800-2 is a dual float normally closed sensor that detects level changes within the reservoir. A breach of the inner tank wall will trigger a high alarm, and a breach of the outer wall will trigger a low alarm as the reservoir level changes. Fluctuations due to temperature and barometric pressure changes should not trigger an alarm. The sensor can be wired as non-discriminating (one alarm for high and low levels) requiring (1) N.C. input, or as discriminating (individual alarms for high and low levels) requiring (2) N.C. inputs.

### Application

Brine or glycol filled fiberglass double wall tank reservoirs

### Specifications

- Technology: Magnetic Floats, Hermetically Sealed Reed Switches
- Wetted Materials: PVC, Buna-N
- Operating Temperature: -40 °F to 175 °F (-40 °C to 80 °C)
- Cable: 22 AWG, 4-conductor, PVC Jacket, 16' (4.9 m) Length
- Pass-thru Opening Size: 3" (76 mm) Riser, Schedule 40 PVC
- Location Approval: UL Class I, Div 1, Groups C and D; cUL Class I, Zone 0, Group IIB

### Installation

Sensor is installed through a minimum 3" riser and rests on the reservoir floor. The reservoir fluid level is typically set at halfway up the sensor housing.

### Certifications/Approvals

- UL/cUL Approved\*, File #E139464
- NYC, LA City and various other City and State Approvals
- Third-Party EPA Listed

\*When used in conjunction with the TMS/LC2000 series controllers or TMS2000W/TMS4000W series WiDAM

Note: Specifications subject to change w/o notice. 10-07-2022