

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 series WiDAM Wireless Data Acquisition Module