

Multiple Point Liquid Level Detection System ST-15-WX Series Control Units

Featuring Dynacheck® - Automatic & Continuous Self-Testing



ST-15-WX6 Shown

The Scully Model 15 ST-15-WX Liquid Level Detection System features individual control channels to monitor from 2 to 12 sensing sensors. the ST-15-WX offers all these advantages:

- Dynacheck® - automatic and continuous self testing circuitry which monitors the controller, wiring, connections and sensors for faults 30 times per second.
- Signals an audible alarm and/or controls pumps and valves for automatic shutdown.
- Monitors from 2 to 12 total sensing points depending on model
- Provides liquid level detection for a wide variety of petroleum and chemical products.
- Uses output sensors approved as intrinsically safe for use in Class 1, Division 1, Group D hazardous environments
- Features MEMA 4 Style Watertight housings.
- Works in conjunction with either Scully field-proven thermistor or Instant-ON™ optic sensors.

Description

The Scully ST-15-WX series multiple point liquid level detection control units are available in two through twelve channel models. The ST-15-WX is commonly used to provide overflow protection, high level warning, low level warning and/or pump and valve control functions.

They are well suited for multiple fixed storage tank and transport tank applications where individual display and/or output control is required.

The output control function may be reversed to alarm for a dry sensor condition rather than a wet sensor condition for low level warning.

The St-15-WX enclosure includes individual red indicator lamps that light when a sensor is wetted, a power indicator lamp, an alarm acknowledge push button and alarm test push button. Once a sensor alarm is acknowledged the alarm output circuit is reset, however, the indicator lamp remains lit until the sensor is dry again.

Safety

The St-15-WX series controllers incorporate Scully's unique and exclusive Dynacheck® circuitry when connected to Scully sensors. Using pulsed signals to simulate a wet or "unsafe" condition, the monitor automatically and continuously checks the entire system operation; controller, wiring, connectors and sensors for faults thirty (30) times per second.

If liquid comes in contact with the sensor tip, or in the unlikely event a fault occurs, the pulsed signals cease and the monitor signals an audible alarm and/or controls ,pumps and valves for immediate shutdown.

Sensors

Compatible liquid level sensors for the The St-15-WX employ solid state thermistor and Instant-On™ optic sensing technology. Sensors and holders constructed of aluminum or stainless steel for sensing a wide variety of liquid products including petroleum and chemicals are available. Consult the technical data sheets listed on the back for further sensor information.

Setting New Standards In Safety