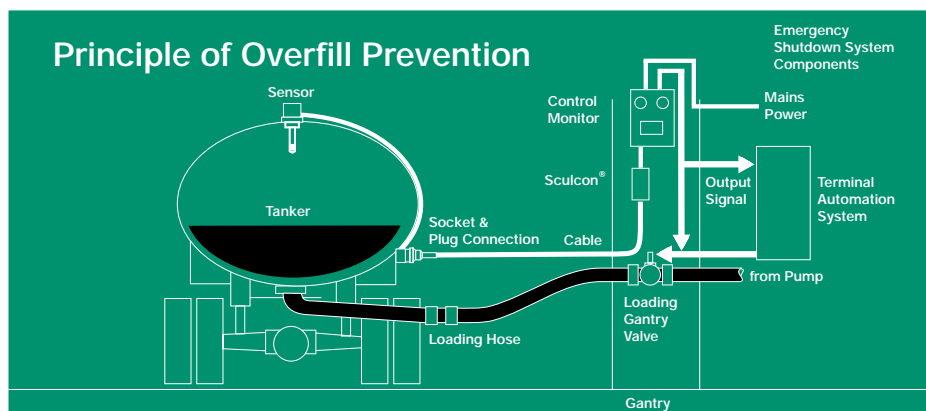
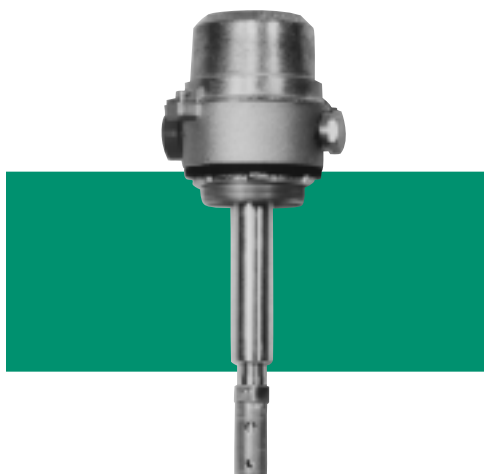


# Scully Thermistor Sensor

Liquid Level Sensor for Road Tanker Overfill Prevention

Featuring Dynacheck® – Automatic and Continuous Self-Checking Circuitry



**Scully Thermistor Sensors** are part of an automatic and continuous self-checking system you can count on. Scully thermistor sensors offer all these advantages:

- Maximum safety with Dynacheck® – automatic and continuous self-checking circuitry when used with Scully gantry (rack) controls.
- Proven thermistor liquid level sensing for road tankers, rail cars and storage tanks
- Self-cleaning for use in heavy viscosity products
- BASEEFA/CENELEC approved
- Available in stainless steel and other materials
- Flanged holders available to replace other manufacturers' sensors
- Functions within a wide range of temperatures and in a variety of liquid products
- Field adjustable for a variety of sensing levels
- Solid state construction, no moving parts

## Description

Scully thermistor sensors are designed for liquid petroleum product overfill prevention and point level detection. They are designed to be used with the Scully Intellitrol®, Biclops® III and ST-15C series gantry control monitors. They can be used for overfill prevention on road tankers, rail cars and storage tanks.

Model SP-BLUK is generally used with unheated petroleum products. Refer to the technical specifications for product temperature range. Scully sensors contain an integral tamper-proof fuse to safeguard against accidental application of high voltage to the sensor. Scully sensors are normally equipped with screw type holders. Flanged holders are available if required.

## Safety Features

The thermistor sensor incorporates Scully's unique and exclusive Dynacheck® circuitry when connected to Scully monitoring equipment. To ensure that the system will always detect an overfill condition, the controller uses pulsed signals which continuously check the entire system operation. The controller, wiring, connections and sensors are checked for faults up to 30 times per second. If a sensor comes in contact with liquid, or in the unlikely event of a system fault, the pulsed signals cease and the controller automatically signals for immediate shutdown of the loading operation. No operator involvement is needed! Shutdown is accomplished by controlling pumps, valves, terminal automation systems, etc...