

Scully Overfill Prevention System with Audible Alarm

For U.S. Navy Refuelers and Defuelers



Audio Interface Alarm Unit



IntelliCheck® Fill Stand Multi-Connector Assembly and Optic Liquid Level Sensor

Scully's U.S. Navy Refueler and Defueler Overfill Prevention System with Audible Alarm provides independent electronic protection against overfills during fueling and defueling operations. The unit replaces older mechanical jet and flow sensor systems that are prone to failure. The U.S. Navy specified complete system includes an optic liquid level sensor, a control monitor, a fill stand multi-connector socket assembly and an Audio Interface Alarm Unit with a dual tone audio alert. The Audio Interface Alarm Unit has an audio alert tone select switch and an audio alert silent switch. A ground bolt should be added for fueling at fill stands equipped with Scully's Groundhog™ vehicle grounding system.

When the system is powered up, an audible alarm beeps to show the sensor is dry and in working order. When product comes in contact with the sensor, the beep changes to a steady tone, signaling for the shutoff of product flow. In addition, the Scully U.S. Navy Refueler and Defueler Overfill Prevention System offers all these advantages:

- Dynacheck® automatic and continuous self-testing circuitry monitors all components including sensors, wiring, connections, and even its own electronic circuitry.
- Compatibility with fill stand and vehicle overfill prevention systems called out in API RP 1004, U.S. Navy Design Manual DM-22, Air Force Specification AF88-15, NFPA-407, Army EIRS 87-06 and MIL STD 10-22.
- Uses Scully optic liquid level sensors, specified by the U.S. Navy MIL-T 28612E(YD) and recommended by the American Petroleum Institute (API).
- At the fill stand, fuel flow is automatically shut-down, preventing an overfill.
- On the flight line, an alarm automatically sounds to signal shutdown during defueling, preventing an overfill.
- Designed for outside mounting on any existing refueler without entering the tank compartment.
- Eliminates the need for manual tests.
- No moving parts to maintain.
- Replaces sight tubes or need to load with open dome covers.
- 120 dB(A) audio alarm can be heard over jet engine noise.
- Fill stand connectors are compatible with all military and civilian overfill prevention systems.
- Over 30 years and millions of hours of field proven, reliable operation.

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Setting New Standards In Safety