

**Slick
Sleuth™**

**SLICK SLEUTH SS300-EXd
OIL SPILL DETECTION & ALARM
FOR INSTALLATION IN HAZARDOUS GAS AREAS**

**Real-Time Oil Spill Detection
Non-Contact Sensor System
High Sensitivity - No Maintenance**



Slick Sleuth™ systems are used in a wide variety of industrial and environmental applications for real-time detection of oil leaks and spills. Should a leak or spill occur, Slick Sleuth provides instant detection and notification; enabling users to contain the spill and avoid environmental damage, costly cleanup, fines and regulatory penalties.

Patented non-contact scanning optic and detection processor provide high sensitivity and user-adjustable alarm thresholds for detection of small (micron-level) sheens or oils slicks in real time. Slick Sleuth's output signals can be used to activate local and remote alarms, as inputs to central monitoring and control systems (SCADA, PLC, etc.) and/or to actuate valves, shut off pumps and initiate other corrective measures.

Slick Sleuth automated oil spill detector is mounted over the water surface, allowing ease of installation and access. **Non-contact** sampling eliminates issues of aquatic growth or fouling due to debris, ice, or oily residue and is also suitable for spill monitoring over concrete, or wet/dry drainages.

Slick Sleuth technology is widely used for remote spill detection applications such as refineries, terminals, power plants, airports, and other industrial facilities where early warning spill detection and control is needed. Typical installation points include sumps, weirs, separators, storm water and process-water sewers, outfalls, discharges, retention ponds, lift stations, harbor piers, etc.

Sensors may be operated as stand-alone systems, or networked arrays, for seamless integration to end user's data acquisition system (e.g. SCADA or PLC).

The Slick Sleuth oil spill detection system delivers significant cost reduction and environmental benefits to operators with its reliable, all-weather, non-contact and low maintenance technology. Please contact one of our application engineers to discuss utilizing this best available technology as an important part of your spill prevention and response plan.

Call Today For A Real Time Solution!
www.SlickSleuth.com

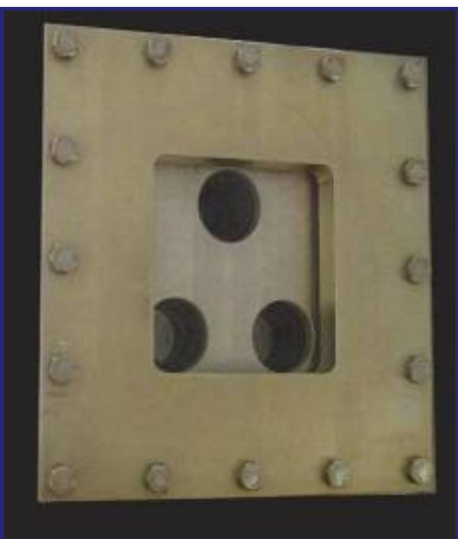
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Local Indicators



Serial Port



Optical Window

Specification

Model: SS300-Exd Slick Sleuth™
Operation: Automated, Optical, Non-Contact Sensor
 Patented UV Filter-Fluorometer Methodology
 Broad-Range Sensor Detects: Crude, Lube, Hydraulic, Fuel, Jet, Turbine, Hydraulic, Transformer, & Many Other Types of Oils - *Contact factory to inquire about specific oils*
Sensitivity: 3 +/- Micron Sheen
 User Adjustable Sensitivity
 Discrete Alarm and/or Scaled Signal Output
Range: 4 Meters (Maximum Distance Above Surface)
Operating Temp: -10 to +60 °C (Standard) -20 to +60 °C (Optional)
Enclosure: Cast Aluminum Exd Flameproof Housing
 External Ports: Power In, Signal Out, USB Serial Interface
Manufactured to Comply with: Weatherproof environmental standards
 Applicable requirements for installation in hazardous environments such as Class 1 Division 1 (Zone 1) locations*
Dimensions: Approx. 13 x 20 x 21 in. (33 x 51 x 53 cm)
Weight: Approx. 130 lbs. (59 kg)
Input Power: 85-264 VAC, 50/60 Hz (DC Input - *Contact Factory*)
UV Light Source: Xenon Flash Used to Generate a Collimated 14° Conical Beam
UV Flash Life: 2.5 Years (typical) at Highest Sampling Rate (e.g. 2 Hz)
Outputs: Local Status and Alarm Indicators (Class 1 Div 1, Zone 1)
 Oil Detection Relay (DPDT), Equipment Status Relay (SPDT)
 Serial: USB, RS232, RS485
 Current Loop / 0-20 mA (Optional)
Wireless Options: RF, GSM/CDMA Cellular, WiFi, Satellite - *Contact Factory*
User Interface: Sensor Operates Autonomously
 Utility Program Used During Set-up and to Adjust Settings
Base Station: PC Running Slick Sleuth Base Station Software - *Optional*
Certifications: CE Marked
 Conforms to US EPA Standards (EPA/530/UST-90/009)
 Technology Patented by InterOcean Systems, Inc.
Warranty: 1-Year InterOcean Factory Warranty Standard
 * Disclaimer: The Slick Sleuth SS300-EXd has not been Third-Party Certified by the Manufacturer for use in Hazardous Gas Environments.

Installation Drawing: Model SS300-EXd

