

**Slick
Sleuth™**

SLICK SLEUTH SS100 & SS100-EXd OIL SPILL DETECTION & ALARM

REDUCE YOUR RISK!

DETECT LEAKS • PREVENT SPILLS



• REAL-TIME OIL DETECTION & ALERT

• Payback with Single Event Detection

• Compact, NON-CONTACT Sensor

• All-Weather Ex d Housing *

* Slick Sleuth SS100-EXd & Non-EXd Models Available



Retention Pads



Separators & Discharges



Sumps & Catchments



Secondary Containments

Slick Sleuth SS100 & SS100-EXd Oil & Fuel Detection Sensors are designed for installation in aboveground storage tank (AST) facilities, oil terminals, equipment rooms, or anywhere early leak and spill detection is warranted. Oil detection sensors can be used at single points, or in a system array, to continuously monitor for accidental leaks and spills. In a world of ever-increasing regulatory pressure and public scrutiny, Slick Sleuth provides personnel responsible for ASTs and industrial facilities the ability to automatically detect spills, thus helping to prevent costly oil spill cleanup, mitigation, regulatory fines, and public relations nightmares.

A broad range of oil types are detected by Slick Sleuth including crude, fuel, lube, transformer, diesel, jet and others. Automated real-time detection triggers local alarms and/or interfaces directly to facilities' monitoring and control system (e.g. DCS, SCADA) for early-warning alert, containment and response. The robust sensor package is designed for all-weather installation and the Model SS100-EXd is certified for use in hazardous gas environments. Installation and setup is simple and the non-contact optical system requires minimal maintenance (equivalent to a surveillance camera.) Payback occurs with a single-detection, making the system highly cost-effective, while allowing operators and managers to sleep better at night.

Please contact us for a **REAL-TIME SOLUTION TODAY!**

InterOcean Systems, LLC – Environmental Systems Division

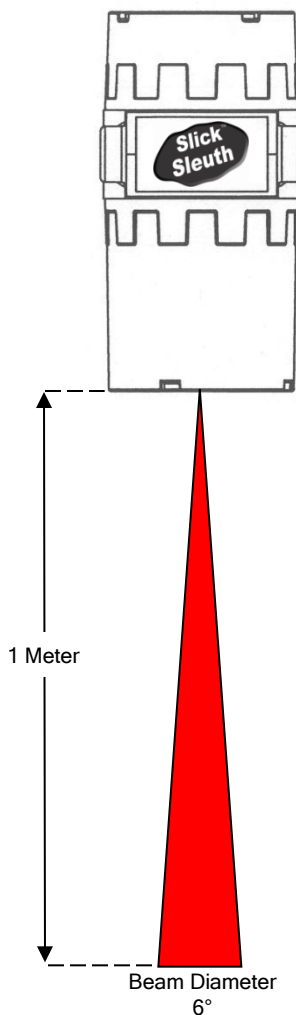
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Slick Sleuth SS100 & SS100-EXd Specifications



Operation:	Automated, Optical, Non-Contact Sensor Continuous Monitoring for Presence of Oil Patented Technology (UV Filter-Fluorometer) Detection of Crude, Fuel Oil, Diesel, Lube, Transformer and Other Oil Types (Contact Factory for Specific Oil Types)
Sensitivity:	1 +/- Micron Sheen
Detection Range:	1 Meter (Over Ground or Water)
Temperature:	-10 to +60 °C Operating -40 to +75 °C Non-Operating
Enclosure:	Cast Aluminum / Polyester Powder Coating NEMA 4X / IP66 Watertight Slick Sleuth SS100-EXd only: Explosion Proof Instrument Housing (See Zone Ratings)
Certifications:	CE Marked Conforms to US EPA Standards (EPA/530 / UST-90/009)
Zone Ratings:	Model SS100-EXd only: ATEX: II 2 G Ex db IIB+H ₂ T6 Gb IP66  IECEx: Ex db IIB+H ₂ T6 Gb IP66
Ports:	Power In and Signal Out
Mounting:	Mounting Boss for Surface or Pole Mounting
Dimensions:	6" x 6" x 11" / 16cm x 16cm x 28cm (DxWxH) (Approximate)
Weight:	10 lbs. / 4.5 kg (Approximate)
Input Power:	85-to-264 VAC, 50/60 Hz 20-to-28 VDC Optional - Contact Factory
UV Light Source:	Xenon Flash - Collimated Beam
Xenon Flash Life:	2.5 Years Typical at Highest Sampling Rate (e.g. 2 Hz)
Signal Output:	(1) Oil Detection Relay (SPST) - Normally Open (2) Current Loop 4-20 mA Analog (Status & Detection) (3) Serial RS485 – Contact Factory
Web Portal:	Password Accessed Web User Interface (WUI) - <i>Optional</i>
Initialization:	Magnetic Switching to Automatically Set Operation Point
Local Interface:	USB Interface for Set-up Parameters & Maintenance
Local Indicator:	LED Indication of Status/Power
Patented By:	InterOcean Systems, LLC
Warranty:	1-Year InterOcean Systems Factory Warranty



Tank Farm / Storage Facility



Ship Terminal