

# SLICK 100 OIL SPILL DETECTION & ALARM



## Real time detection



Retention Pads



Separators & Discharge



Sumps & Catchments

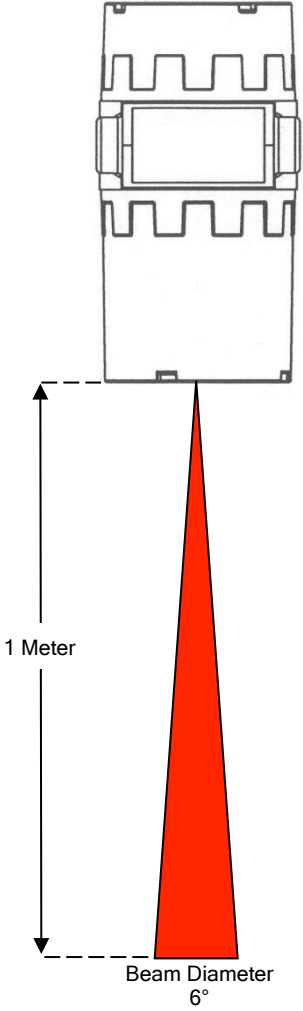


Secondary Containment

Slick100 Oil and Fuel Detection Sensors are designed for installation in oil storage facilities, such as tank farms and terminals. Water treatment plants and any discharge location. An array of oil detection sensors can be used to continuously monitor for accidental leaks and spills. Given ever-increasing regulatory pressures and heightened public awareness, the Slick100 provides those responsible for above-ground storage tanks & discharge areas with a tool to automatically detect and contain a spill, thus avoiding costly cleanup costs, regulatory fines and public relations nightmares.



These sensor systems detect the presence of a broad range of oil types and input directly to a facility's monitoring center (DCS, SCADA, Wonderware, etc) for real-time event alert and response. The robust sensor package is designed for all-weather installation and for use in hazardous gas environments. Installation and setup is simple, the non-contact optical system requires minimal maintenance making the system highly cost-effective. Please contact us for a *REAL-TIME SOLUTION TODAY!*

# Slick100 Specifications



<b>Operation:</b>	Automated, Optical, Non-Contact Sensor Continuous Monitoring for Presence of Oil Patented Technology (UV Filter-Fluorometer) Detection of Crude Oil, Heavy Fuel Oil, Diesel, Lube, & Other Oil Types ( <i>contact us for specific oil types</i> )
<b>Sensitivity:</b>	1 +/- Micron Sheen
<b>Detection Range:</b>	1 Meter (Over Ground or Water)
<b>Temperature:</b>	-10 to +60 °C Operating -40 to +75 °C Non-Operating
<b>Enclosure:</b>	Explosion Proof Instrument Housing (See Ratings Below) (Class 1 Division 1, Zone 1) Cast Aluminum / Polyester Powder Coating NEMA 4X / IP66 Watertight
<b>Certifications:</b>	CE Marked Conforms to US EPA Standards (EPA/530 / UST-90/009)
<b>Zone Ratings:</b>	See Ratings Below
<b>Ports:</b>	Power In and Signal Out
<b>Mounting:</b>	Mounting Boss for Surface or Pole Mounting
<b>Dimensions:</b>	16cm x 16cm x 28cm
<b>Weight :</b>	4.5 kg
<b>Input Power:</b>	85-264 VAC, 50/60 Hz (Optional +20 to +28 VDC)
<b>UV Light Source:</b>	Xenon Flash - Collimated Beam
<b>Xenon Flash Life:</b>	2.5 Years Typical at Highest Sampling Rate (e.g. 2 Hz)
<b>Signal Output:</b>	(1) Oil Detection Relay (SPST) - Normally Open (2) Current Loop 4-20 mA Analog Output (Source) Linear Scaled Signal Output & Signal Fault Indication (3) Serial RS485
<b>Web Portal:</b>	Password Accessed Web User Interface (WUI) - <i>Optional</i>
<b>Initialization:</b>	Magnetic Switching to Automatically Set Operation Point (no need to open housing during start up)
<b>Local Interface:</b>	USB Interface for Set-up Parameters & Maintenance (requires housing to be opened in the field)
<b>Local Indicator:</b>	LED Indication of Status/Power
<b>Distributed By:</b>	Oil Spill Control OÜ.
<b>Warranty:</b>	1-Year Factory Warranty



<b><u>Division Ratings:</u></b>		
Classified		
Class I, Division 1 Groups BCD	UL1203; CSA C22.2 No. 25 & No. 30	
Class II, Division 1 Groups EFG		
Class III		
Type 4X		
<b><u>Zone Ratings:</u></b>		
ATEX (Flameproof - Demko)		
II 2G Ex d IIB + H <sub>2</sub>	EN60079-0, EN60079-1	
II 2D Ex tD A20	EN61241-0, EN61241-1	
IP66	EN60529	
IECEx (Flameproof - UL)		
Ex d IIB + H <sub>2</sub>	IEC 60079-0 & IEC60079-1	
IP66	IEC60529	