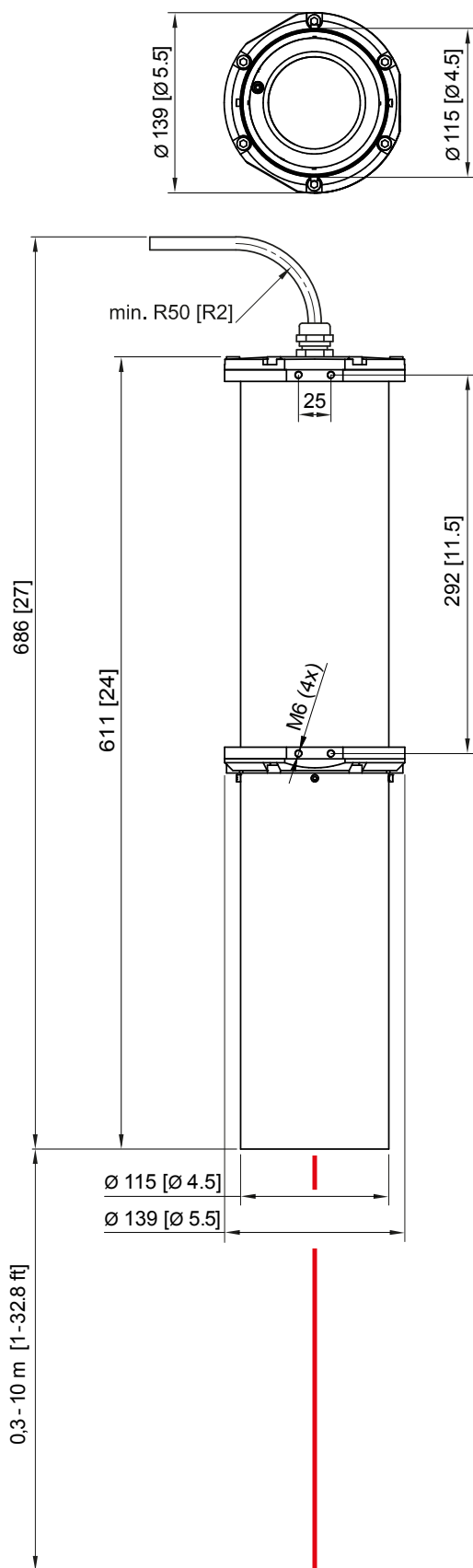


# ROW

Optical non-contact and autonomous sensor for real-time detection of oil contamination – UV fluorescence method.

## TECHNICAL SPECIFICATIONS



Dimensions unless otherwise stated: mm [inches]

<b>MODEL</b>	O-2300S	
<b>SENSITIVITY</b>	> 1 micrometer oil film	
<b>RANGE</b>	up to 10 m above surface (water or ground)	
<b>OPERATION TEMPERATURE</b>	-25°C to +60°C [-13°F to 140°F]	
<b>ENCLOSURE</b>	IP68, pressurised (1,3 atm, N <sub>2</sub> ) hermetically sealed, weather proof, powder painted stainless steel 316L	
<b>DIMENSIONS</b>	686 x 139 x 139 mm [27 x 5.5 x 5.5 in]	
<b>WEIGHT</b>	6,9 kg [15.2 lbs]	
<b>POWER OPTIONS</b>	12 VDC (10V - 30V) as standard other options: 110/220 VAC 60/50 Hz AC/DC adapter, solar/battery options available	
<b>POWER USAGE</b>	< 2 Watt (DC)	
<b>LIGHT SOURCE</b>	pulsed UV LED	
<b>LED LIFETIME</b>	5 years typical	
<b>OUTPUT</b>	relay contacts, RS-485, 4-20 mA (as standard)	
<b>COMMUNICATION OPTIONS</b>	RS-232 ethernet/LAN audio alarm wireless radio link Wi-Fi GSM custom solution	optional adapters available – contact Sales Engineer for additional information
<b>USER INTERFACE</b>	ROW Configurator for setup & adjustment ROW Manager for network visualization	
<b>CERTIFICATIONS</b>	<b>CE</b> : EN 61000-6-2, 61000-6-3 EN 61326-1, 61000-4-2, 61000-4-5, 61000-4-6, 61000-4-8, EN 61010-1 <b>IP68</b> : EN 60529 <b>US EPA</b> : (EPA/530/UST-90/009) pending	
<b>WARRANTY</b>	2 year factory warranty as standard, supported worldwide	