

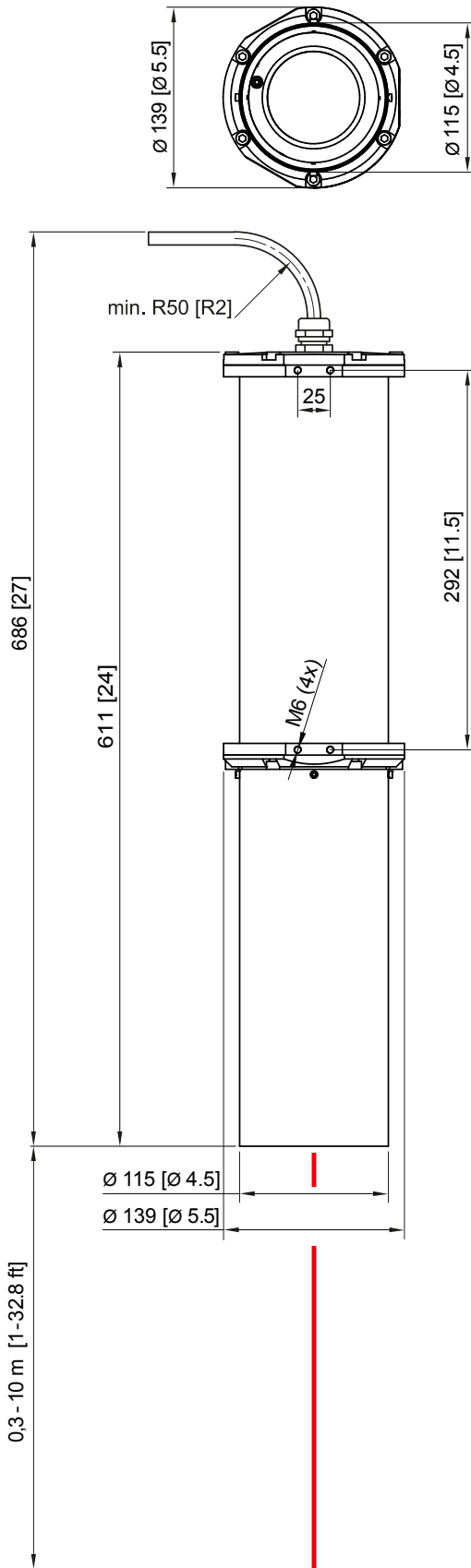


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Optical non-contact and autonomous sensor for real-time detection of oil contamination – UV fluorescence method.

TECHNICAL SPECIFICATIONS



Dimensions unless otherwise stated: mm [inches]

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