

OCD 50M Oil in Water Monitor



OCD 50M

Applications

- Hydrocarbon Leak Detection
- Lube Oil Cooler Monitoring
- Boiler Feed Protection
- Heat Exchanger Leak Detection
- Produced Water Reuse - RO Feed Water, Steam Generator Feed Water
- Industrial Wastewater/Groundwater discharge

A monitor designed to cater for the special conditions associated with high sample temperatures. This unit will detect oil in much smaller quantities with great reliability and repeatability. Increased boiler protection from early detection of oil contamination.

The OCD 50M is Type Approved by DNV-GL for marine use. It is a requirement of DNV-GL flagged vessels that Boiler Condensate must be monitored for Oil Ingress. This is a simple and reliable solution to this requirement.

Features

- 0-10ppm or 0-200ppm
- External sample cell to keep high temperatures away from the electronic components.
- Sensitivity to provide a normal measurement range of 0-10 ppm.
- Display resolution of 1 ppm.
- High temperature optic cell glass and cell seals.
- Stainless steel wetted parts.
- Automatic cell cleaning.
- DNV-GL approved.



OCD 50M "EX" System

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Specification

Range:	Low range High range	0-10ppm Condensate 0-200ppm Cooling Water
Accuracy:	Low range High range	+/- 1ppm +/- 5ppm to 50 ppm, +/- 10% thereafter
Alarm Operating Points:	Adjustable in 1ppm increments	
Alarm 1 Operating Delay:	0 - 60 sec adjustable	
Alarm 2 Operating Delay:	0 - 60 sec adjustable	
Alarm Contact Rating:	5A/250vac	
Fault Relay:	5A/250vac	
Output Signal:	0-5v DC (1k ohm min.) 4-20mA loop output	
Projected Life (Electronics):	> 50,000 Hours	
Ambient Temperature:	-20 - 55 °C / -4 - 131 F	
Sample Temperature:	1 - 90°C / 34 - 194 F	
Sample Flow:	1 - 3 Litre per min / 0.26 - 0.79 Gal per min	
Sample Pressure:	0.1 - 10 Bar / 1.45 - 145 Psi	
Weight:	17kg / 37.5 lb	
Size:	484H x 420W x 156D mm / 19.1H x 16.5W x 6.1D Inches	
Supply Voltage:	110/230 V ac (Switchable) 24V ac (optional)	
110Vac outlet supply:	220 VA	
220Vac outlet supply:	440 VA	
24Vac-outlet supply:	48VA	
Environmental Protection:	IP55	
Autoclean Unit: - Dry Compressed Air:	4 - 6 Bar G	
Approvals:	DNV-GL	

Specifications and system descriptions accurate at time of printing. These are subject to change.

