

Model OILAN

The Oilan is continuously operating oil moisture analyzer, which instantly measures changes in oil moisture content of lubrication oil. Oil moisture trend indication provides reliable answers about many causes of increased moisture in oil.



Model Oilan

FEATURES

- For very low water concentration
- Detection of water contamination in your oil lubrication system
- Capable of supporting preventative maintenance
- Infra Red detector
- On-line measurement

TYPICAL APPLICATIONS

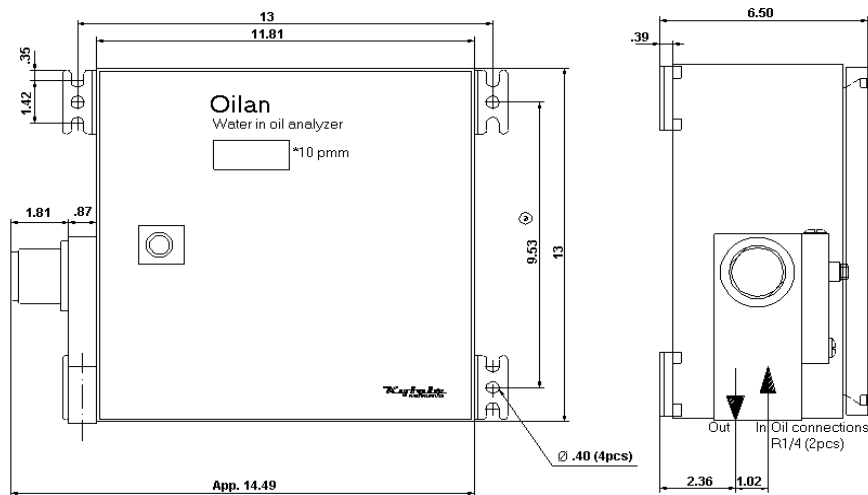
- All mineral oils, as well as synthetic oils
- Heat exchanger leak detection in early stages

OPTIONS

- Oil pump



Model	OI-2.0-1.0	OI-0.5-1.0
Measurement range (1% = 10 000 ppm)	0 – 20 000 ppm	0 – 5 000 ppm
Accuracy	+/- 200 ppm for 0 - 1000 ppm +/- 5% for 1000 - 20000 ppm	+/- 50 ppm for 0 - 1000 ppm +/- 5% for 1000 - 5000 ppm
Display resolution	3 ½ digit LED display with a resolution of 10 ppm	
Oil viscosity	10 – 680 cSt	
Response time	20 seconds	
Temperature range	41 to 131°F (operating) ; -13 to 158°F (storage)	
Oil sample specification	flowrate 0.03 – 1.32 USG/min ; water droplet size ≤1.0 µm	
Oil sample temperature	41 to 131°F	
Oil connection	BSP 1/4"	
Oil cleanliness classification	16/3, ISO 4406	
Oil filtration	internal 140 µm filter	
Sample oil pressure	Max 10 Bar(g); min pressure difference 7 psi	
Power requirements	230 VAC, +/- 20%. 50/60Hz (110V, +/- 20%. 50/60Hz)	
Power consumption	max 50mA	
Displays and indicators	3 ½ digit LED display on front panel ; 5 internal status LEDs	
Output signal	4 - 20 mA, maximum 600 ohms	
Alarm relay	max 100 VAC, 0.5 A resistive load, 30 VA, isolated normally closed contact, adjustable in 50 or 200 ppm increments, depending on measurement range	
Serial communication	RS-232, 1200 baud, reports the following	
	<ol style="list-style-type: none"> 1. Average water content 2. Current water content 3. Current measurement channel value 4. Current reference channel value 	
Weight	20.5 lbs	
Enclosure	Brushed stainless steel enclosure. Safety classification NEMA4 (IP66)	



(inch)

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Kytola
INSTRUMENTS

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