



# WATER-IN-OIL MONITOR

## WMD-1005



### Water-in-Oil Monitors and Systems



**PRELIMINARY SPECIFICATION WMD-1005 UNIT**

<b>Range:</b>	0 – 600 ppm “free” water
<b>Resolution:</b>	1 ppm, lower Range
<b>Accuracy:</b>	Up to ± 10 ppm below 100 ppm
<b>Response Time:</b>	< 5 sec.
<b>Linearity:</b>	0 – 100 ppm better than ± 2 %
<b>Display:</b>	Full Colour Graphic
<b>Datalogging System</b>	Yes
<b>Power Supply:</b>	24 V – 240 V AC or DC
<b>Consumption:</b>	< 10 VA
<b>Alarm Points 1, 2:</b>	Adjustable, (Works adjustment 70 ppm)
<b>Alarm 1 Operating Delay:</b> (for annunciation purpose)	Adjustable between 1 – 540 sec. (Works adjustment 2 sec.)
<b>Alarm 2 Operating Delay:</b> (for control purposes)	Adjustable between 1 – 540 sec. (Works adjustment 10 sec.)
<b>Alarm Indication:</b> (Alarm 1, 2, System Fault)	Red visual indicator
<b>Alarm Contact Rating:</b> (Alarm 1, 2, System Fault)	Potential free 1 pole change over contacts, 3 A / 240 V AC
<b>Output Signal:</b>	0 – 20 mA, ext. Load < 150 Ω Output range adjustable
<b>Sample Pressure:</b>	0 – 10 bar
<b>Sample Flow:</b>	Approx. 2 l/min
<b>Sample Temperature:</b>	+ 1 to + 65° C
<b>Ambient Temperature:</b>	+ 1 to + 45° C
<b>Size:</b> Computer Unit Measuring Cell	200 mm W x 200 mm H x 120 mm D 130 mm W x 55 mm H x 70 mm D
<b>Weight:</b>	4 kg
<b>Degree of Protection:</b>	IP 65
<b>Pipe Connections:</b>	R ¼" Female
→ Technical specifications are subject to change without notification.	

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