



OMD-32 Series

The OMD-32 Oil-in-Water Monitor has been designed specifically for use in conjunction with oil-water separator units.

The OMD-32 has been constructed using technology of the DECKMA HAMBURG OMD series industrial instruments and 15ppm Bilge Alarm Monitors, that have a specification and performance which exceeds the requirements of the International Maritime Organization specifications for 15ppm Oil-in-Water Monitors contained in Resolution MEPC. 107 (49). The OMD-32 unit is supplied with 2 works-adjusted alarms at 10 ppm. Other set points are possible (e.g. 100ppm) and can be adjusted on site at any time by using the buttons at the front panel. If an alarm set point is exceeded, the alarms are visible at the front panel and the appropriate relays are

switched. In case of malfunction the System LED at the front panel will change from blinking green to permanent red, and a system fault relay contact is switched.

A 0(4) - 20 mA signal output is available for driving a recorder or external meter.

[OMD-32 A Instruction Manual](#)

Property

Range*
 Resolution*
 Accuracy
 Response time
 Sample Water Pressure
 Sample Flow
 Sample Water Temperature
 Power Supply
 Power Consumption
 ppm Alarm
 ppm Alarms delay
 ppm Alarm visual indication
 ppm Alarms Contact Rating
 System Fault Alarm visual indication:
 System Fault Alarm Contact Rating
 Output Signal
 Cleaning System*
 Cleaning system air pressure*
 Ambient Temperature
 Size*
 Distance(Computer Unit to Measuring Cell)
 Degree of Protection
 Weight*
 Pipe Connections*

Value

0 – 200 ppm
 1ppm (0.1 ppm below 10ppm)
 up to +/- 1ppm below 10ppm
 < 5s
 >max. 10 bar
 typ. 2 Liter / min
 up to 90° C
 24 V – 240V AC or DC
 < 10 VA
 2 adjustable (independent, entire range)
 2 adjustable (independent, from 1 sec. up to 540 sec.)
 2 Red LEDs
 2 Potential free 1 pole change over contacts, 3 A / 240 VAC
 Red LED
 Potential free 1 pole change over contact, 3 A / 240 VAC
 0(4) – 20 mA, ext. Load < 150 W, Output range adjustable
 Automatic, pneumatically operated
 2.5 - 6 bar, typ. <0.1 Liter / hour
 + 1 to + 55° C
 360 mm W x 240 mm H x 120 mm D
 Option: up to 5m upon request
 IP 65
 4 kg
 R 1/4" Female

* Different versions and configurations available.

[Industry](#)

[Marine](#)