



Type OMD – 21, 15ppm Bilge Alarm Monitor

Type Approved & Tested according to IMO Resolution MEPC.60(33)

The OMD-21 is developed by DECKMA HAMBURG GmbH to meet the requirement of IMO Resolution MEPC.60(33). It measures the oil content in the sample through the advanced light scattering principle. The OMD-21 provides two independent alarm contacts, for the operation of an audible alarm and/or operation of an automatic overboard discharge shutdown device. The benefits of OMD-21 are :



- Robust Construction
- 2 adjustable independent Alarm point
- Light Weight design (2.55kg)
- Automatic Voltage Adjustment
- 2 Digit LED Display

Technical Specification

Range (Measurement and Indication)	0 – 50ppm
Range (IMO Specification)	0 – 15ppm (according to IMO Regulation)
Accuracy	Better than IMO MEPC. 60 (33)
Electrical power supply	24V - 240V, AC or DC, automatic voltage adjustment
Electrical power consumption	less than 6W / 6VA
Sample	Oily water from separator outlet, 0,1 - 4 l/min
Sample temperature range	+1°C to +65°C
Sample connections	R 1/4" ISO female
Alarm 1 & 2 Set Points	1 - 15ppm (independently adjustable)
Alarm 1 operating delay for annunciation	1 - 540 sec
Alarm 2 operating delay for control	1 - 20 sec
Alarm contacts	2 independently adjustable switchover contacts
Alarm contact operation mode	De-energized in Alarm State
Alarm contact ratings	3A, 240V each
Alarm output	0 - 20 mA or 4 - 20 mA Current Loop, selectable
Display	Numeric 2-Digit LED Display
Ambient temperature	+1°C to +55°C
Class of protection	IP 65
Dimensions	152 x 155 x 91 mm (WxHxD)
Weight	2,55 kgs