

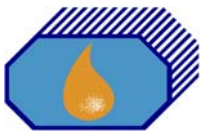
DECKMA HAMBURG GmbH

15ppm Bilge Alarm OMD-2005

Tested to Regulations of IMO Resolution MEPC. 107 (49)



We help to protect the Environment



DECKMA HAMBURG GmbH

DECKMA Decksmaschinen und Automation Vertriebsgesellschaft in Hamburg mbH

SPECIFICATION OMD-2005

Range:	0 – 30 ppm
Accuracy	According IMO MEPC. 107(49)
Linearity	Up to 30 ppm better than $\pm 2\%$
Display	Green Graphic Display
Power Supply:	24 V – 240 V AC or DC Automatic Voltage Selection
Consumption:	< 15 VA
Alarm Points 1 + 2:	Adjustable between 1 - 15 ppm (Works adjustment 15 ppm)
Alarm 1 Operating Delay: (for annunciation purpose)	Adjustable between 1 – 540 sec. (Works adjustment 2 sec.)
Alarm 2 Operating Delay: (for control purposes)	Adjustable between 1 – 10 sec. (Works adjustment 10 sec.)
System Fault Alarm:	Red LED
Alarm Contact Rating:	Potential free 1-pole change over contacts, 3 A / 240 V
Alarm Indication:	Red LED's
Output Signal:	0 – 20 mA or 4 – 20 mA, reversible ext. Load < 150 Ω
Sample Water Pressure:	0,1 – 10 bar
Sample Flow:	Approx. 0,1 - 4 l/min. depend. to pressure
Ambient Temperature:	+ 1 to + 55° C
Sample Water Temperature:	+ 1 to + 65° C
Roll:	Up to 45° C
Size (over all):	360 mm W x 240 mm H x 100 mm D
Degree of Protection:	IP 65
Weight:	7,3 kgs
Pipe Connections:	R 1/4" Female

Contacts / Enquiries:

Agent:

DECKMA HAMBURG GmbH

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U. S. Department of Homeland Security
United States Coast Guard
Certificate of Approval

Coast Guard Approval Number: 162.050/9021/0

Expires: 12 March 2015

OIL POLLUTION PREVENTION EQUIPMENT

The following device has been tested in accordance with
IMO Resolution MEPC.107(49)

DECKMA HAMBURG GmbH
Kieler Strabe 316
HAMBURG D-22525
GERMANY

Model OMD - 2005; 15 ppm bilge alarm

This is to certify that the 15 ppm bilge alarm, comprising the equipment listed below, has been examined and tested in accordance with the requirements of the specifications contained in part 2 of the annex to the Guidelines and Specifications contained in IMO resolution MEPC.107(49).

Equipment manufactured by DECKMA HAMBURG GmbH to specification/assembly drawing no. 10750-10 and 10750-50 dated 09/13/2004; DH 75500, DH 75600, and DH 75610 dated 06/24/2004 and 09/09/2004. Control equipment manufactured by DECKMA HAMBURG GmbH to specification/assembly drawing no. 10750-10 and 10750-50 dated 09/13/2004, and DH 75100, DH 75200, DH 75300 dated 06/24/2004 and 09/09/2004.

A copy of this certificate should be carried aboard a vessel fitted with this equipment at all times.

IMO Certificates of Type Approval do not expire and are valid for equipment manufactured at any time during the period of validity of this certificate.

Test data and results attached in the appendix.

This certificate documents compliance with 46 CFR 162.050.

*** END ***

THIS IS TO CERTIFY THAT the above named manufacturer has submitted to the undersigned satisfactory evidence that the item specified herein complies with the applicable laws and regulations as outlined on the reverse side of this Certificate, and approval is hereby given. This approval shall be in effect until the expiration date hereon unless sooner canceled or suspended by proper authority.



GIVEN UNDER MY HAND THIS 12th DAY OF
MARCH 2010, AT WASHINGTON D.C.

S. J. KELLY
Chief, Engineering Division
U.S. Coast Guard Marine Safety Center