

# JOWA SEAGUARD BILGE ALARM

## OILY WATER TREATMENT SYSTEMS

The JOWA SEAGUARD 15ppm Bilge alarm is designed to monitor the effluent from a bilge water separator. The alarm is approved to IMO MEPC 107(49).

There are 2 alarm out signals which are triggered by the ppm oil content of the separator's effluent.

The JOWA SEAGUARD has a cleaning function, auto flush, designed to keep the sensor as clean as possible. Auto flush occurs automatically.

The JOWA SEAGUARD log is controlled by a signal from the separator and is saved on a removable SD card.



## Specifications

Range:	0-30ppm, trend up to 40ppm
Approval/Accuracy:	According to IMO MEPC.107(49)
Display	20 x 4 characters LCD with Backlight
Power Supply:	115-230 VAC 50/60Hz Automatic voltage selection
Power Consumption:	<15 VA
Alarm Points 1 + 2: Factory setting 15ppm	Adjustable between 0-15ppm
Alarm 2 Operating delay: (for annunciation purposes)	Adjustable between 0-540 seconds Factory setting 0 seconds
Alarm 1 Operating delay: (for control purposes)	Adjustable between 0-10 seconds Factory setting 0 seconds
System fault alarm:	Red LED light (flashing)
Alarm contact Rating:	Potential free 1 pole change over contacts; 6A/250V
Alarm indication:	In LCD & Red LED light
Output signal:	0 – 20mA or 4 – 20mA for 0 – 40ppm, ext. load max 150 Ω
Sample water pressure:	Nominal 2 bar
Sample Flow:	Nominal. 2l/min depending on pressure
Ambient temperature	+1 to +60 degrees Celsius
Sample water temperature:	+1 to +60 degrees Celsius
Roll:	Up to 45 degrees
Size:	360 x 240 x 150, LxWxD
Degree of protection:	IP 65
Weight:	7,5 kg
Pipe connections:	R ¼" Female

Type approved by: DNV, USCG, RMRS and CCS