MARINE OIL WATER SEPERATOR

WKODM-2 15PPM Oily Water Bilge Alarm

ISO9001 Supplier

Class Certificate

Export Supply

Characteristic of instrument: Adopting the infrared measurement principle and micro processing technology, the measurement accuracy is high. The controller is separated from the measuring room, and the stability a...



Key Highlights

Category	Marine Oil Water Seperator
Standard	EN
Certificate	CCS

We can supply according to your requirement, drawings, class certificate needs, and delivery schedule.

Technical Specifications

Category	Marine Oil Water Seperator	**Model / SKU**	WKODM-2-15PPM-Oily-Water-Bilge-Alarm
Standard	EN	**Surface**	no condensation on the surface of <95% Enclosure protection level:
Certificate	CCS	**Warranty**	12 Months unless specified otherwise
Origin	China		

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- Characteristic of instrument:
- Measuring principle:
- Main technical indicators:

Characteristic of instrument:

Adopting the infrared measurement principle and micro processing technology, the measurement accuracy is high. The controller is separated from the measuring room, and the stability and reliability of the system are greatly improved.

The measuring room is convenient for maintenance and cleaning.
High-definition liquid crystal display, real-time display time, oil concentration, system working state, humanized menu operation interface; Record the current data in real time and store it automatically, and query historical data at any time.
The instrument has the function of automatic alarm and self checking of the system.

Main technical indicators:

Measurement range: 0 ~ 30ppm (50ppm);
Accuracy: + 5ppm. meets IMO MEPC.107 (49) requirements;
The alarm points can be adjusted between 1 and 2:0 to 15ppm (the factory is set to 15ppm).
Alarm point 1 (prompt alarm): action lag time between 0 to 30 seconds adjustable (factory set to 5 seconds), red LED indication;
Alarm point 2 (control function): action lag time between 0-255 seconds adjustable (factory set to 15 seconds), red LED indication;
The form of alarm output: passive relay contact output, load capacity 3A/250VAC or 3A/30VDC;
Inlet pressure: 0.01 ~ 1MPa;
Power supply: 100V-240V AC50-60Hz;
Ambient temperature and humidity: temperature: 0 C ~ 55 C
Relative humidity: no condensation on the surface of <95%
Enclosure protection level: IP65

Measuring principle:

The measuring system adopts the scattering principle of the infrared light source which is commonly used in the world. When the infrared light emitted by the emitter passes through the flowing oil sewage, the oil particles in the sewage scatter the infrared light. Two infrared receiving tubes are installed at the same axis of the light source to test the transmission and scattering components of the infrared light after passing through the oil and water, and then the oil particles are transported. The output signal is sent to CPU after filtering, amplification and A/D transform.