

MARINE OIL WATER SEPERATOR

GQS-206 Marine 15ppm Bilge Alarm

Description: GQS-206 Marine 15ppm Bilge Alarm, commonly known as 15 ppm bilge water alarm device, provides CCS certificate. Main performance indicators Measurement range: 0-30 ppm (display range: 0-50 ppm)...

ISO9001 Supplier

Class Certificate

Export Supply



Key Highlights

|               |                            |
|---------------|----------------------------|
| Category      | Marine Oil Water Seperator |
| Standard      | DIN                        |
| Weight / Size | IP65 Dimension:            |
| 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   | GQS-206-Marine-15ppm-Bilge-Alarm     |
| Standard    | DIN                        | Weight / Size | IP65 Dimension:                      |
| Certificate | CCS                        | Warranty      | 12 Months unless specified otherwise |
| Origin      | China                      |               |                                      |

CONTENTS

- Description:
  - Instrument features:
- Main performance indicators
  - Principle of measurement:

Description:

GQS-206 Marine 15ppm Bilge Alarm, commonly known as 15 ppm bilge water alarm device, provides CCS certificate.

## **| Main performance indicators**

Measurement range: 0-30 ppm (display range: 0-50 ppm)

Measuring accuracy: 15 + 5 ppm (in accordance with IMO specifications)

Reaction time: <5 seconds

Alarm range: 1-15 ppm (can be set according to user's needs)

Alarm delay: alarm point 1:1-10s, alarm point 2:1-240s

Display mode: liquid crystal display

Sample pressure: 0.01-0.8Mpa

Sample flow rate: 0.1-4L/min

Ambient temperature: 1-55 C

Power supply: 110V/220V50Hz/60Hz

Power: <20VA

Protection Level: IP65

Dimension: 360mm x 260mm x 150mm

Weight: 9kg

## **| Instrument features:**

- (1) Using advanced infrared measurement principle and microprocessing technology, the reaction time is fast and the measurement accuracy is high.
- (2) The unique design separates the main engine control from the measurement room, overcomes the influence of using environment on the instrument, and improves the stability and reliability of the instrument system. The measuring room is easy to maintain and clean.
- (3) Large screen LCD display, real-time display time, oil concentration, system working status, user-friendly menu operation interface;
- (4) Record current data in real time and store it automatically, query and print historical data at any time;
- (5) The instrument has the function of automatic fault alarm and system self-check.
- (6) The instrument has the function of monitoring the working state. It can automatically control the discharge of excessive sewage when the instrument is preheated, malfunctioned, maintained or replaced.

## **| Principle of measurement:**

GQS-206 oil concentration meter is based on the requirements of International Maritime Organization (IMO) specifications. The instrument adopts international infrared measurement technology. Through infrared detection of discharged water, its transmission and scattering light signals are measured. The oil content is measured by photoelectric converter and microprocessor data processing.

When the oil concentration of the discharged water exceeds the prescribed value (15ppm), the instrument will send out alarm and control over-standard signal at the same time, and control the bilge oil and sewage separator and discharge

device (solenoid valve) matched with it to effectively prevent the direct discharge of over-standard sewage.

The product meets the requirements of resolution MEPC107 (49) of IMO Marine Environment Protection Committee and is approved by China Classification Society.