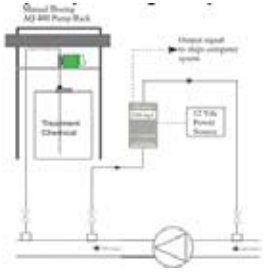
2(f) Nitrite Cooling Water Monitor

Description
The instrument comprises a body fitted with internal (patent applied for) sensing components and a temperature sensor.

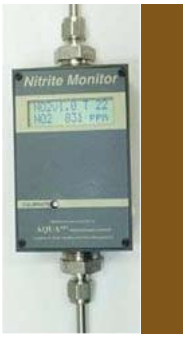
6 mm stainless steel couplings are provided so that a sample of the cooling water can pass continuously through the body for analysis of nitrite level.

Results of the analysis are displayed on the LCD display and the data is available externally as a 4-20mA signal for use by a dosing management system for inclusion into a ships engine room management system if required.



Monitor with manual dosing and output signal optionally connected to ships computer management system

Fundamentally the Monitor is fitted in the line for easy checking of the system giving instant results which is particularly useful for when the system is being filled. Manual testing is still recommended although this can be minimised to a weekly check.



Calibration:
The calibration potentiometer is available through the front panel and following a cooling water sample drop test the potentiometer can be used to adjust the LCD to agree with the test results.

The LCD continuously displays the level of Nitrite and the sensor temperature. Power Source: The user provides an external 12-15 V dc power cube.

There are no internal user serviceable parts.

SPECIFICATIONS
Monitor with manual dosing and output signal optionally connected to ships computer management system

Voltage 12 - 15 volts DC @ 250mA
Cables (The unit has 4 wires connections)
Red +12– 15Vdc
Green 0 Vdc
Yellow 4-20mA output
Blue Digital format
Connections Double Ferrule
6mm Stainless compression
Measuring Range 0-4500 mg/l
Accuracy +/- 5% FSD
Temperature 0-60°C
(Requires a cooler for higher temperatures)
Controls Calibration Potentiometer
Flow Rate 0.5—1.5 litres/minute

- 4-20 mA signal 0 –5000 mg/l
- Alarms Instrument status via LCD
- Enclosure Rating IP 65
- Dimensions 130 x 56 x 50 mm
- Environmental
- Operational temperature 5 to 60°C
- Storage temperature 0 to 35°C
- Storage RH 0-95%
  non condensing

Note: All specifications may be subject to change without notice

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