

# LEVEL ALARM SYSTEM

## TYPE OAS 5

FOR HIGH LEVEL AND OVERFILL



OAS 5 with sensors, is a complete level alarm system required either as an independent Overfill or High level and Overfill system on various type of tankers. When delivered as a dual point system it is approved as two independent systems as required in the regulations.

### Some features:

- Does not require any specialist engineer for installation or start up.
- Proven to be very reliable.
- Two years guarantee.
- Cover all types of vessels (E.g. LNG, LPG, Chem, CT, PT etc.)
- Type approved by all major classification societies.
- Extensive reference list.
- Short delivery times.

*• The system fulfils the latest IMO and classification societies' rules and regulations.*

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#### SENSOR

Type HL-8903 for one level and type HHL-8903 for two levels. Special models for LNG/LPG vessels. This float type sensor works on a permanent magnet - reed switch principle, with the following advantages:

- Approved for tank washing machine.
- Complete unit in stainless steel.
- Shown good performance in sticky cargoes.
- Can handle high pressure, low density and high temp.
- Can operate in any type of cargo which can be pumped.
- Has a lifting knob on top of sensor for testing.
- Fail to safe operation. Closed contacts in normal position.
- Same alarm point for different cargo densities.
- No active electronic components in the open deck area.

#### The **ALARM CABINET** with **ALARM PANEL**.

Type OAS 5 is a complete signal monitoring and alarm unit which can be delivered for single or dual point sensors and is equipped with:

- Intrinsically safe connections to sensors.
- Potential free contacts for common external alarm light and horn.
- «Alarm hold» function.
- Option: RS 485/422 MODBUS RTU serial line communication.
- Power supply: 230V AC & 24V DC Backup.
- The Alarm Panel can be mounted either in a cabinet or in a common console.
- The complete system can be tested by the test knob on the sensor's connection box.

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