

LEVEL ALARM SYSTEM – TYPE OAS 5.5

For high level and overflow

Product datasheet



OAS 5 with sensors, is a complete level alarm system required either as an independent Overflow or High level and Overflow 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.

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

Features

- Does not require a 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

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: 230 V AC & 24 V 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