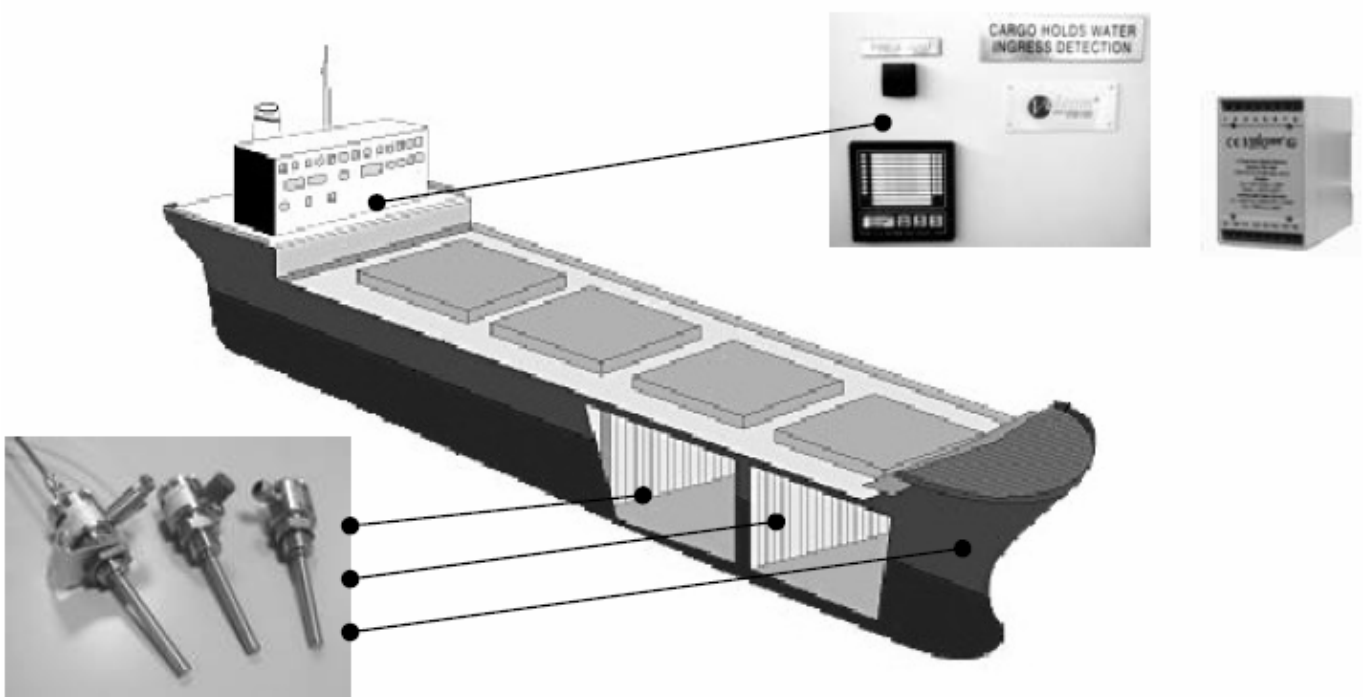


Series WISE

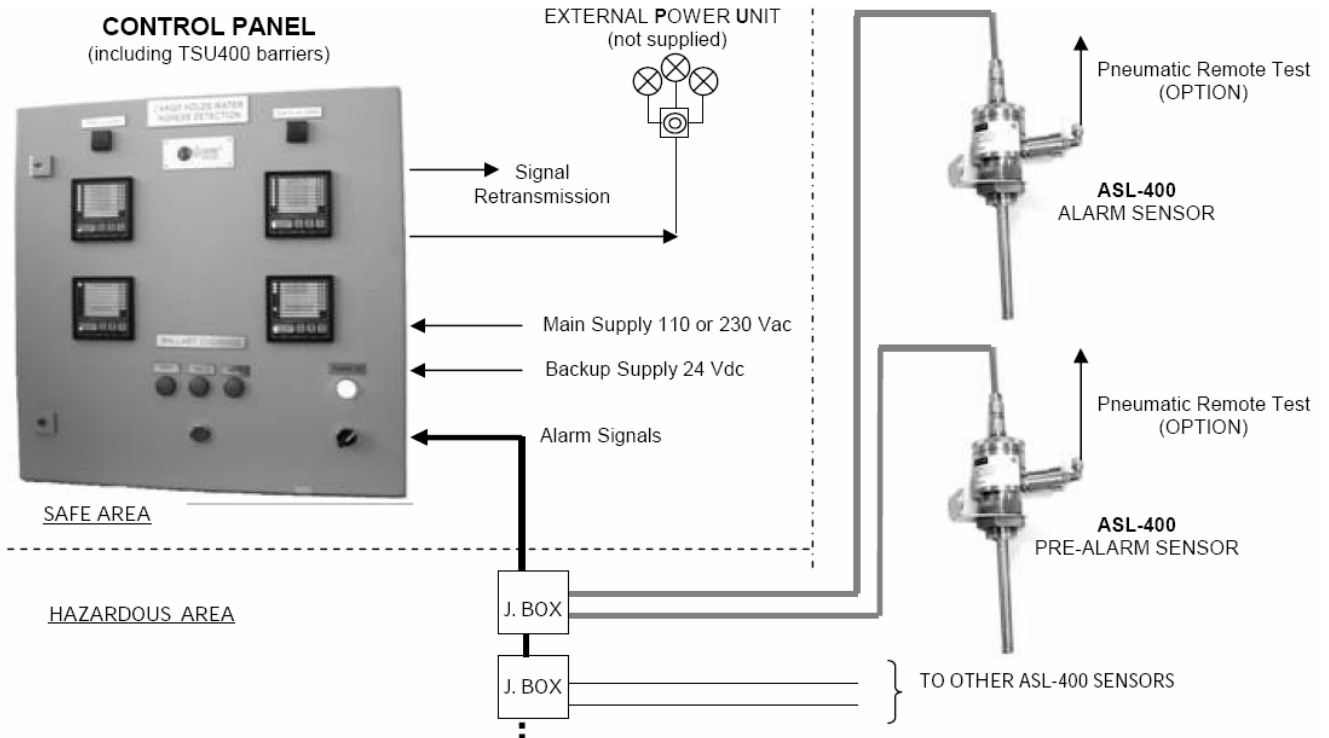


WISE 2 is a system for water ingress detection designed in accordance to SOLAS XII/12 requirements and MSC 145 (77) resolution for applications on bulk carriers.

The system is composed by the following main components:

- Static level switch ASL400 series that can be installed in any position with all St.St. AISI 316 construction, including cable gland. These sensors have a Switching accuracy from 1 to 3 mm (depending on mounting position), No moving parts, self cleaning rod \varnothing 12 mm and they can be equipped with manual test device or pneumatic test device for remote activation (as prescribed in ANNEX 5 Resolution MSC.145 (77) 3.4.2.)
- 2-channel galvanically isolated safety barrier TSU400 series with intrinsic voltage regulation of the supply; widely used on board of ships, they performs visual local indications other than Open Collector outputs (alternatively TTL) separated to signal the alarm and fault conditions
- Control panel complete with indication lights and buzzer for visual and acoustic signals (ISA sequence) of the pre-alarm, alarm, fault (short circuit, cable interruption or low insulation) and power failure conditions (main and auxiliary). In the control panel it is also available a ballast override function with light indication of the activation. The signals are given through light indicators and buzzer with different sound frequencies. Each indication clearly distinguish the event type and the involved zone. The signals can be retransmitted via relay output to a remote location from the control panel, for instance to a panel placed in the bridge console, or to an external power unit consisting of flashing lights and sirens (not supplied).

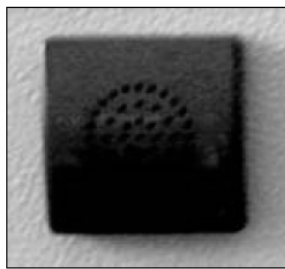
WATER INGRESS ALARM SYSTEM



MAIN FUNCTIONS



Event lights indication



Event sound signal



Ballast override

