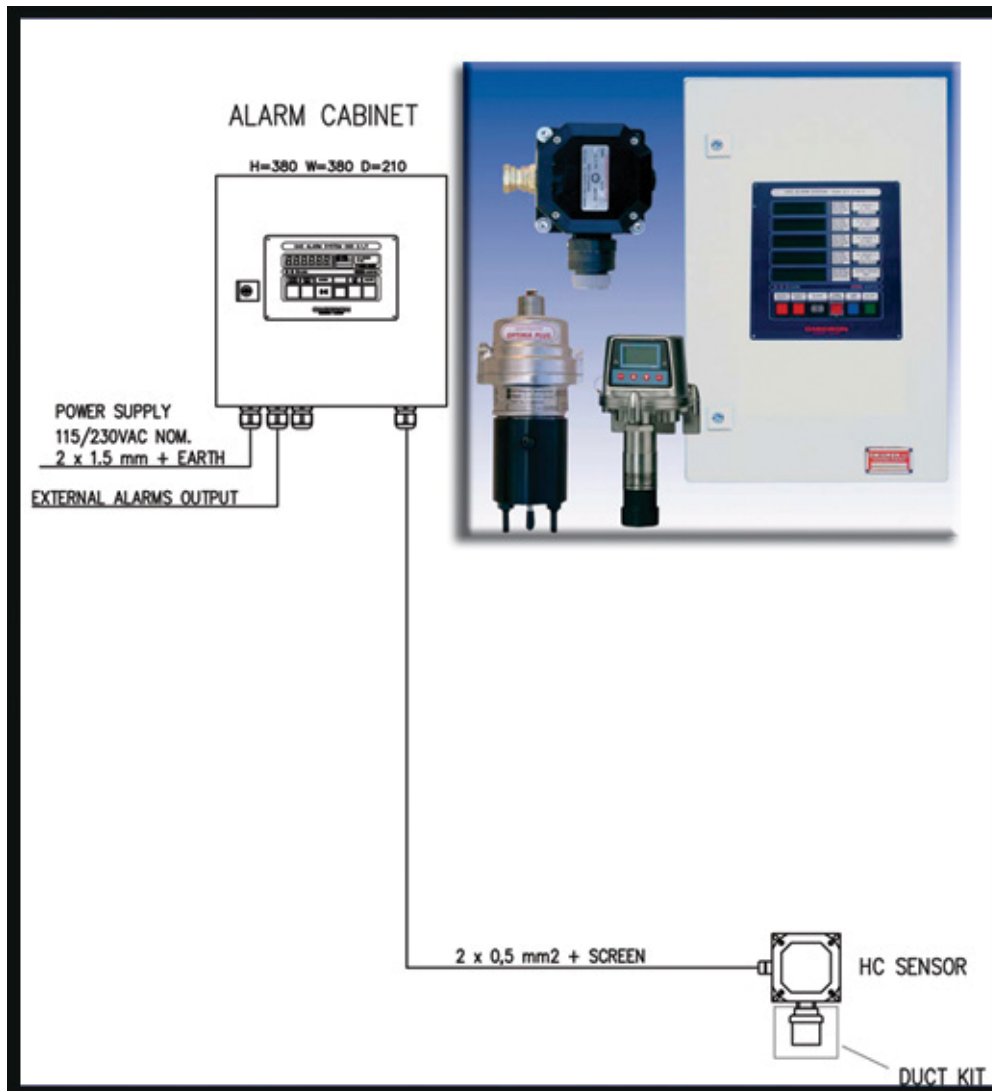


Gas Detection Sensor by OMICRON A/C Inlet Sensor - HC Catalytic Sensor ranged 0-100% LEL N-Buthane in Air based on the new ISGOTT 5



International Safety Guide for Oil Tankers and Terminals (ISGOTT) have issued a new requirements as a part of they security program on the safe operation of oil tankers and terminals, and it is referred to in many IMO regulations and recommendations. This is known as **ISGOTT 5**.

One of the new recommendations is to fit flammable gas detection at each air conditioning inlet to the accommodation areas. Due to the many potential ignition sources in the accommodation spaces, air conditioning has traditionally been set to re-circulate air during loading operations. However, setting the air conditioning system to re-circulate results in a pressure drop when external doors are opened, potentially allowing flammable gases to enter the accommodation areas. The new ISGOTT 5 edition advises that the air conditioning system should now run without re-circulation and owners should fit flammable gas detection at each air inlet. If gas is detected at any inlet, it must automatically shut down to prevent flammable gas build up in the accommodation.

Omicrons OGS 2.1 (Fixed gas detection system) is ideal for such retrofit and new installation where a sensor is inserted in the accommodation inlet duct(s) for continuously monitoring of the atmosphere. If HC gas detected, at a certain level the system will give alarm and automatically change over the dampers to recirculation (if automatic changeover is available). In addition in some type of vessels also toxic sensors is preferred to be installed and used in the same setup.

Contact Kaminco for more information about the A/C Inlet Sensor/Gas Alarm System by OMICRON.

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