

Mains Fuel Tank Alarm

The Mains Operated Fuel Tank Alarm system detects and warns of a tank overfill situation, a high/low liquid level and a bund leak. If this fuel tank alarm identifies any of these issues, the zone in question will light up on the alarm's screen, sound an alarm and operate a flashing orange strobe, which provides the user with a clear warning of the activated tank state.

Each zone can be configured in any of the three functions High, Low or Bund, enabling the complete customisation of these fuel tank alarms based upon the user's requirements with a very simple set of electrical jumpers.

Options are available complete with three relays, to allow external equipment to be connected to each zone of the tank level alarm such as building management system BMS for remote monitoring. This level and bund alarm also has the additional feature of controlling the pump from the relays (if fitted). When the fuel storage tank contents are 'low', the pump switches on and stays on until 'high' is reached.

Please note: Codes SWS2000 and SWS2001 do not come complete with probes.

Key Features & Operation

- Multiple input voltages
- For any combination of high, low, bund
- Weatherproof IP55 rated box
- LED zone lights up to indicate the issue
- 90db sounder
- Flashing orange strobe
- Test and mute functions
- Automatically reversed float logic for 'low zones'
- Accepts multiple voltages of 110v, 230v, 12v and 24v
- Option available with 3 relays
- Options with probe/s available
- SWS2000 and SWS2001 not supplied with probes
- 5m max probe length



Technical Specification

Supply Voltage (AC): 230v/110v 50/60Hz
Supply Voltage (DC): 12-24v
Power: 1 Amp
Installation Environment: Pollution Degree 3, Installation Cat II
Operating Temp: -20°C to +50°C
Max Altitude: 2000m
Humidity: 5 to 100% RH, Non-condensating
Dimensions (mm): 145(L) x 242(H) x 110(D)
Colour: Light Grey RAL 7035
Ingress Protection (IP): IP65
Material: Polycarbonate
Sounder freq: 2600Hz
Sound Output @ 12vDC: 90dB
Float Material (Where Supplied): Nylon, NBR Float, PVC Cable, Stainless Steel Clip
SG: 0.7
Cap Mount thread: 1 ½" BSPP
Cable Length: 5m

Part Number	Model	Description
LK/SWS2000	Mains Multi-Compartment Fuel Tank Alarm Box Only	Box only - select probes from accessories table
LK/SWS2001	Mains Multi-Compartment Fuel Tank Alarm Box Only c/w 3 Relays	Box only - select probes from accessories table
LK/SWS2009	Mains Multi-Compartment Fuel Tank Alarm Box c/w Single Probe & 3 Relays	Alarm Box c/w Single Probe, 3 x Relays (C,NO,NC @ 230v 8A
LK/SWS2010	Mains Multi-Compartment Fuel Tank Alarm Box c/w Single Probe, Double Probe & 3 Relays	Alarm Box c/w Single & Double Probes, 3 x Relays (C,NO,NC @ 230v 8A

To be installed by suitably trained and qualified personnel. Any legal regulations or regulations issued by authorities must be observed during installation.