

TANK ALARMS & OVERFILL PREVENTION



- PUMPS
- FMS
- METERS
- HOSES
- NOZZLES
- ALARMS**
- GAUGES
- FILTERS
- FILL & VENT
- VALVES
- FITTINGS
- TOOLS



Select the probes you require with the versatile multi-zone tank alarm

FEATURED

Single Probe



Double Probe



Single/Double

PROBES

Multi-Zone Tank Alarm Range & Probes

The multi-compartment fuel tank alarms are industry renowned models designed to accurately detect and alert the user of a combination, or all, of the following tank states:

- › **High fuel level** to help avoid further filling and an overflow from occurring
- › **Low fuel level** to indicate that a fuel delivery needs to be ordered
- › **Bund alert** to warn that fluid is present which may indicate a leak or the ingress of rain water

Selecting your probes...

To make the alarm as versatile as possible, we offer the box alone as standard, giving you the option to select the probes you require. This means only one alarm box needs to be stocked to cover all requirements.

- **Single probe** – For high level, low level or bund warning
- **Double probe** - For two level alerts; high/low, high/high or low/low
- **Double & single probe** - For all three functions; high, low & bund

Code	Description	Alerts	Cable	Connection	Fluids
SWS1035	Single Alarm Probe	High/Low /Bund	5m PVC	1 ½" F BSP Brass Cap	D O
SWS1035/2	Double Alarm Probe	High & Low	5m PVC	1 ½" F BSP Brass Cap	D O
SWS1036	Flat Plate & Grommet for Plastic Tanks – Single				D O
SWS1037	Flat Plate & Grommet for Plastic Tanks – Double				D O
SWS1009	Alarm Cable Per Metre		1m PVC		D O

Probes for other fluids...

Oil Drum



Water & Chemical



High viscosity



High viscosity probe - For heavy fuel oils & fluids that crystallise e.g AdBlue®

Code	Alerts	Temp	Cable	Connection	Fluids
SWS1038	High/Low	0°C/+60°C	5m PVC	1 ½" F BSP Cap	O AB

Oil drum probe - To alert of a high fluid level in waste oil storage systems

Code	Alerts	Temp	Cable	Connection	Fluids
SWS1039	High	-20°C/+80°C	5m PVC	¾" M BSPT Steel Drum	O

Water & chemical probe - For level alerts on water & chemical tanks

Code	Alerts	Temp	Cable	Connection	Fluids
SWS1040	High/Low	-20°C/+80°C	5m PVC	1 ½" F BSP Polyethylene Cap	W C

ANY FLUID

Mains Multi-Zone Tank Alarm

- › Mains multi-channel tank alarm for high, low and/or bund
- › 90db sounder & flashing orange strobe to warn of tank state
- › Zone in question lights up on the screen to indicate the issue
- › Test & alarm mute functions
- › Automatically reversed float logic for low zones
- › Weatherproof IP55 enclosure
- › Standard box with multiple input voltages 110v/120v/, 12v/24v DC
- › Option with relays available to connect to external equipment e.g. other alarms or building management systems
- › Version with relays can also be used to control the pump operation on a day tank e.g. to turn it on when low level is reached
- › **Please note: Probes are purchased seperately, please select the ones you require from the opposite page's table**

Multi

ZONES

Electric

POWER



Code	Description	V	Relays	Fluids
SWS2000	Mains Multi-Compartment Alarm Box	110/230/12v/24v		AF
SWS2001	Mains Multi-Compartment Alarm Box c/w Relays	110/230/12v/24v	3	AF

ANY FLUID

Battery Multi-Zone Tank Alarm

- › Battery multi-channel tank alarm for high, low and/or bund
- › Designed for isolated or portable installations where mains power is unavailable
- › 90db sounder and flashing red LED to warn of tank state
- › Zone in question lights up on the screen to indicate the issue
- › Test & alarm mute functions
- › Low battery warning
- › Automatically reversed float logic for low zones
- › Weatherproof IP55 enclosure
- › Option with relays available to connect to external equipment
- › **Please note: Probes are purchased seperately, please select the ones you require from the opposite page's table**

Multi

ZONES

Battery

POWER



Code	Description	Batteries	Relays	Fluids
SWS1000	Battery Multi-Compartment Alarm Box	6 x AA		AF
SWS1001	Battery Multi-Compartment Alarm Box c/w Relays	6 x AA	3	AF

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

Tank Alarms & Overfill Prevention / Tank Alarms

NEW



Single

ZONES

Mains/
Battery

POWER



Single Channel Tank Alarm

- > Tank alarm c/w single probe to warn of a choice of either high, low or bund
- > Simple & cost effective solution if only one alert is required
- > 90db sounder & red LED text display to warn of tank state
- > Test & alarm mute functions
- > Automatically reversed float logic for low zones
- > Weatherproof IP55 enclosure with 4 external mounting lugs
- > Mains, battery and mains with battery back-up versions
- > Low battery warning (battery version only)
- > Mains version c/w relay for connecting to external equipment e.g. other alarms or building management systems
- > Suitable for use with diesel and light oils

Code	Description	Power	Probe	Relay	Fluids
SWS2002	Mains Single Channel Tank Alarm	230v	0	0	D O
SWS1011	Battery Single Channel Tank Alarm	1 x PP3 Battery	0		D O
SWS2003	Mains Single Channel Tank Alarm c/w Battery Back-up	230v	0	0	D O

NEW



Single

ZONES

Battery

POWER



Economy Bund Alarm

- > Battery tank alarm c/w single probe to alert of presence of fluid in the bund
- > Simple & cost effective solution if only bund alert is required
- > Used to indicate either the inner tank leaking into the bund or excess rain water
- > Flashing red LED & 90db alarm will sound to alert the user to a problem
- > Test & alarm mute functions
- > Weatherproof IP55 enclosure with 4 external mounting lugs
- > Battery will last in excess of 72 hours in full alarm mode and approx 2 years when in standby
- > Suitable for use with diesel and light oils
- > Customised branding available - please ask

Code	Description	Battery	Probe	Fluids
SWS1019	Bund Only Alarm	1 x PP3	0	D O



Lafon Cleanfill Overfill Prevention

- › Automatically operating overfill prevention valve
- › Valve closes when the tank is full, to prevent further fluid from being dispensed and spillages from occurring
- › Device can easily be retrofitted to both gravity-fed & pumping installations
- › Less than one minute re-opening time
- › EN13616/KIWA BRL-K363 accredited
- › Alloy version for fuel and stainless steel version for AdBlue® tanks available



40-650lpm

FLOW RATE RANGE

2" M BSP

INLET



Code	Description	Flow Rate Range (lpm)	Pressure Range (bar)	Inlet Connection	Working Temp	Material	Fluids
DN50	2" Cleanfill OPV	40-650	0.15-7	2" M BSP	-25°C/+50°C	Alloy	D K
DN51	2" Cleanfill OPV AdBlue®	40-650	0.15-7	2" M BSP	-10°C/+35°C	Stainless Steel	AB WS W



SpillStop Overfill Prevention

- › Cost effective, automatically operating overfill prevention valve
- › Valve closes when the tank is full, to prevent further fluid from being dispensed and spillages from occurring
- › Device can easily be retrofitted to both gravity-fed & pumping installations
- › Less than one minute re-opening time
- › BS EN13616 & OFTEC approved
- › Version for installation onto steel tanks and version for use with plastic tanks

35-600lpm

FLOW RATE RANGE

2" M BSP

INLET



Code	Description	Flow Rate Range (lpm)	Pressure Range (bar)	Inlet Connection	Working Temp	Fluids
DN50/2	2" SpillStop OPV	35-600	0.15-6	2" M BSP	-20°C/+50°C	D K
DN50/2P	2" SpillStop OPV Plastic Tanks	35-600	0.15-6	2" M BSP	-20°C/+50°C	D K

Tank Alarms & Overfill Prevention / Overfill Prevention

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS



60-1000lpm

FLOW RATE RANGE

3" F BSP

INLET



Solo Limiter Overfill Prevention

- > Overfill prevention valve for high capacity above & below ground storage tanks fed by gravity or pump
- > Valve closes when the tank is full, to prevent further fluid from being dispensed and spillages from occurring
- > Anti-vortex to prevent valve closing prematurely
- > Less than one minute re-opening time
- > EN13616/KIWA BRL-K363 accredited
- > ATEX approved for Zone 0
- > Versions for fuel and chemicals available
- > **Please note: Installation is required at the manufacturing stage**

Code	Description	Flow Rate Range (lpm)	Pressure Range (bar)	Inlet Connection	Working Temp	Fluids
DN30	3" Solo Limiter OPV	60-1000	0.15-8	3" F BSP	-25°C/+60°C	D K P
DN80	3" Solo Limiter OPV Chemicals	60-1000	0.15-8	3" F BSP	-25°C/+60°C	C



Multi

ZONES

Mains

POWER



GSM Text Alserter

- > Designed for the remote monitoring of low or high level should the user wish to know when the tank needs emptying/filling
- > Unit allows 4 trigger inputs to be set, which send a text upon activation
- > Customised 30 character SMS to up to 8 mobile phones
- > Ideal for remote monitoring of tank level
- > IP55 rated enclosure
- > Version without probes for connecting to another device such as the output relays on a fuel tank alarm
- > **Please note: A mobile phone & GSM SIM card are required to program and use the unit**

Code	Description	V	Level Probes	Fluids
CTS6000	GSM Text Alserter c/w Double Probe	110-230	Double	D B1 O
CTS6001	GSM Text Alserter Box Only	110-230		D B1 O