

LEAK DETECTION ALARM.

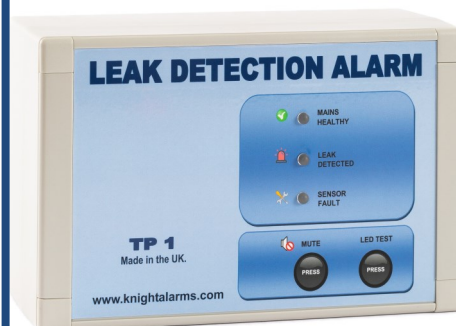
The TP-1 control panel has a leak-detected LED, a mains healthy LED and a sensor fault LED.

In the event of a leak, the leak LED will illuminate, buzzer will sound, valve will operate & the relays energise. Pressing the mute button will silence the buzzer. The Leak LED will remain illuminated until the sensor has been dried.

In the event of a sensor fault, the sensor fault LED will illuminate and the internal buzzer will sound. The mute button can be pressed to silence the buzzer. The fault LED will remain illuminated until the sensor fault has been rectified.

The panel will self-reset in both instances unless the alarm reset link is set to latch.

The TP-1 control panel test button can be pressed to test the functionality of the TP-1



Model Number TP-1

Technical Specifications	Single Zone TP-1	Compatible Sensors
Dimensions	H190mm x W120mm x D60mm	 Cable Sensor
Weight	570g	 Probe Sensor
Material	ABS, UL94-V0	 Mini Probe
Operating Temperature	Resistant up to 55°C down to -25°C	 Mini Pad Sensor
Protection Class	IP54 as standard	 Overflow Sensor
Input Main Voltage	110-240 VAC @50Hz	 Over-Temperature
Valve Output	230V AC @ 3 A MAX	
Alarm 2 Relay Contact Output	230V change-over volt-free Max 8A	
Battery Backup	1 x 12V 0.8Ah sealed lead acid	
Beacon Output	12V DC @ 500mA	
Alarm 1 Relay Contact Output	230V change-over volt-free Max 1A	
Sensor Output	5V DC 2 mA SELV	
Sounder Output	3400Hz 95 dB @ 10cm	
Valve Exercise Duration	Every 40 days of continuous use	
Mains Fuse PCB Mounted	2A quick blow 20mm glass	
Valve Fuse PCB Mounted	2A quick blow 20mm glass	

KEY FEATURES

Technical Specifications	Single Zone TP-1
LED Test Button	Sets a test routine for full system functionality
Mute Button	1. Silences the internal sounder 2. Acts as a system acknowledgement
Mains Healthy LED	Indicates when the system has a healthy Power supply connected.
Leak Detected LED	Will illuminate when the connected sensors are active.
Sensor Fault LED	Will illuminate when a sensor has become damaged or disconnected.
Alarm Reset Link	Sets alarm to latch on or Auto reset.
Valve Type Link	Auto configures for either a normally open or normally closed valve.
Sensor Type Link	Select cable for least sensitivity or select Probe for MAX sensitivity.
Battery Backup	Connected to maintain system functionality in the event of power loss.
Power Supply	110—230V AC switch mode 12V DC.
Valve Output	Pre-configured N/O or N/C Valves.
Valve Exercise Mode	Fully Automatic valve exercise cycle.
Beacon Output	Pre-configured to output 12V DC when in alarm or fault condition.
MAX Sensor Cable Length	100M of Sensor cable and 100M Connection cable.
Optimised Self Learning	Minimises spurious alarms.

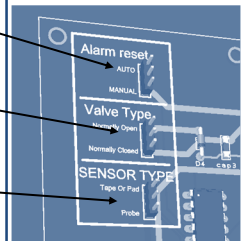
Compatible Sensors



Repeater Alarm



Oil Sensor Probe



Over-Temperature



Humidity Sensor



Sensor Probe in metal

