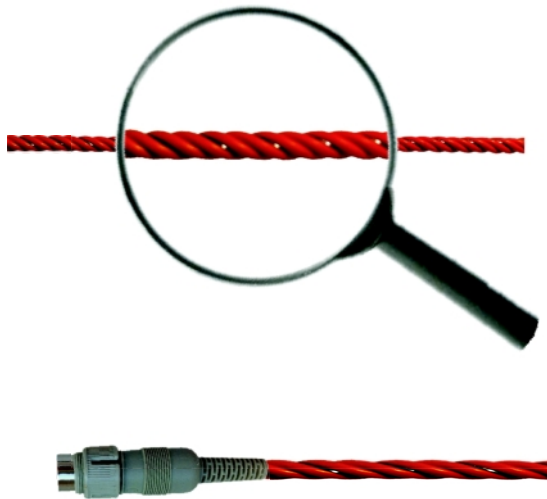


The principle of operation is the same for all the sensor types:

Water (unless purified) contains contaminants such as ions and salts and it's this within the water that's conductive. The sensors (conductors) used for leak detection are separated by a carrier and the water acts as a path for a very low electrical current to pass from one to the other, this action triggers the alarm.

Sensor Tape:



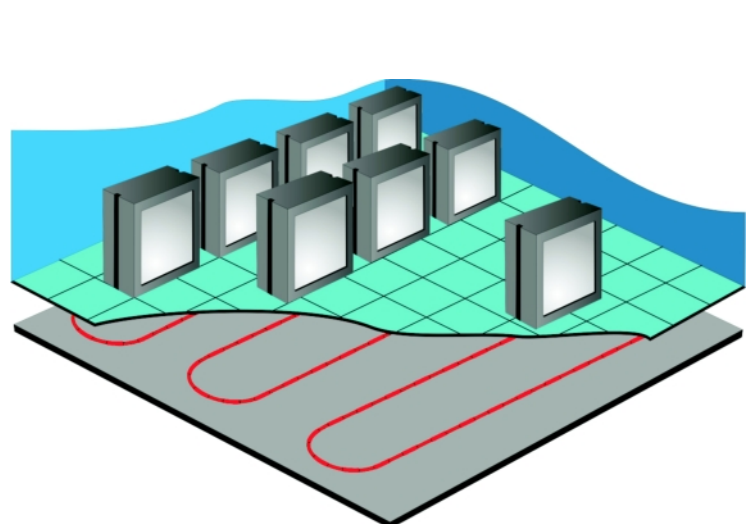
Two fine stainless steel conductors are wound around 4 insulated carriers offering one of the most robust yet flexible leak detection tapes on the market.

Available in standard 1m, 2m, 5m and 10m lengths it is easy to make up any lengths (max of 100m) to suit the area in which it will be installed. Rather than providing bespoke lengths, it is better to have a series of plug and play standards as any damage to a section can be changed easily and for little cost.

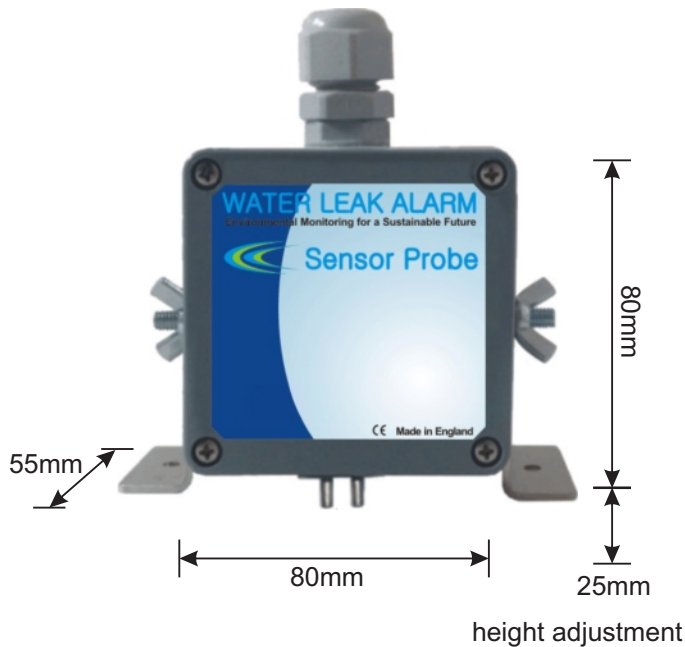
Installation is simple using easy lock connectors with the sensor tape being held in position using floor clips.

Most commonly used in data centres, comms rooms, plant rooms, under tea points and behind panelling in WCs and shower areas.

Typical Installation:



Sensor Probe:

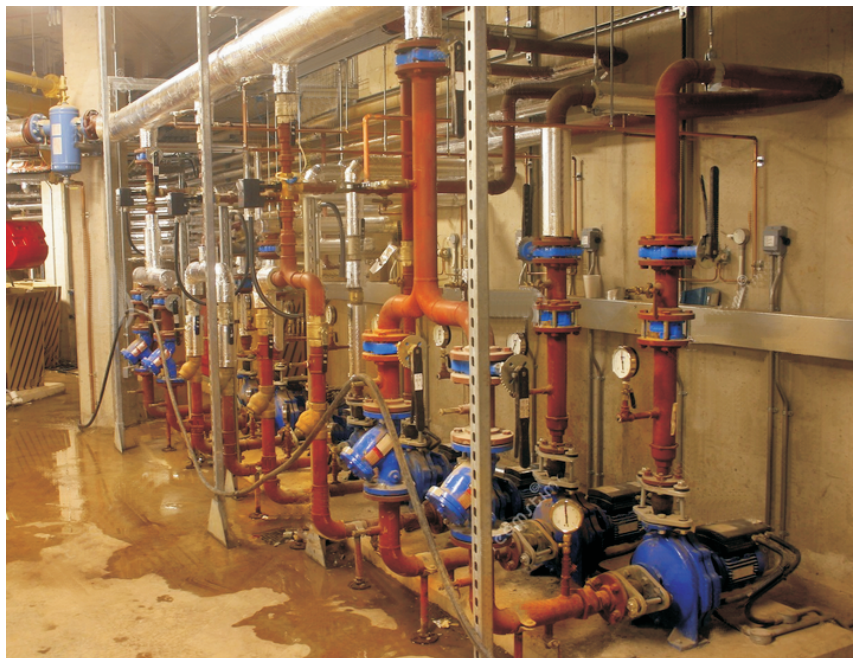


The sensor probe can be used where the use of sensor tape could be susceptible to damage from foot fall or other processes. The probe is housed in a strong protective plastic housing with adjustable floor mounting brackets allowing the conductors to be set between 0 and 25mm from the floor.

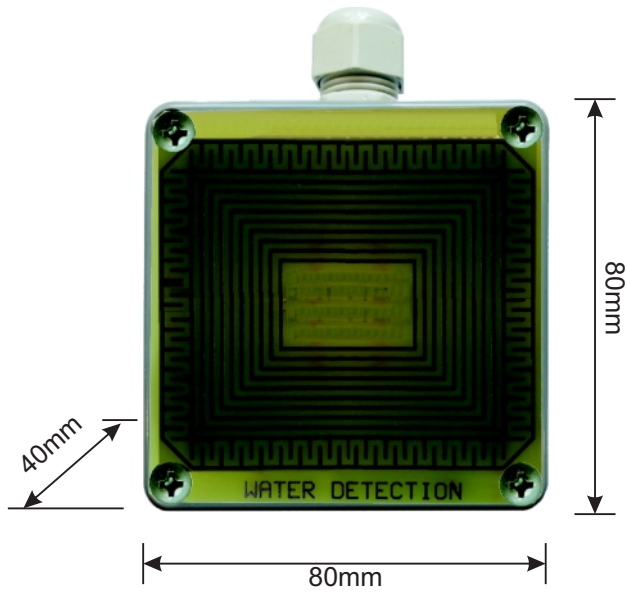
A number of probes can be connected in series to a single alarm panel or a single zone on a multizone panel. This is often the case in plant rooms where a series of probes can be mounted at a number of points around the room.

The sensor probe can also be used where a multi level alarm system is required that accounts for a small amount of water triggering a pre-alarm and any above a higher level forcing a full alarm.

Typical Installation:



Sensor Pad:



The sensor pad is ideal for using in the drip trays of equipment where water is produced by process of condensation. Typically used where air cooling is fundamental to keeping an environments temperature stable such as data centres or comms rooms.

This low profile sensor can be simply placed face down in the drip tray under an AHU or CRAC unit and will alarm as soon as any water collects in the tray.

A number of pads can be connected in series to allow several drip trays to be monitored by a single alarm panel or one zone of a multizone panel.

Typical Installation:



Tee Sensor:



The tee sensor has been designed to go into the overflow pipes on break tanks, toilet cistern and header tanks. The sensor is located inside the tee piece and gets installed on the overflow pipe with the sensor at the bottom. Any water that travels down the pipe and into the tee sensor will make contact with the conductors of the sensor and set off the alarm.

The LeakStopper range of alarm panels have outputs that will allow the closing of valves and the ability to switch off a pump.

Available in 15mm, 22mm, 28mm and 35mm diameters with standard compression fittings the tee sensor is very easy to install.

Typical Installation:

