

# The Aspen Hi-Level Water Sensor

## DATA SHEET



### Installation Notes:

The level detector has two sensors within the head, one for the ambient and the other for the water, both of which give off heat in normal operating conditions and will feel warm to the touch. It is for this reason that when the unit is first switched on to allow 5 minutes for the electronics to stabilise. In order that the detector will operate satisfactorily please abide by the following.

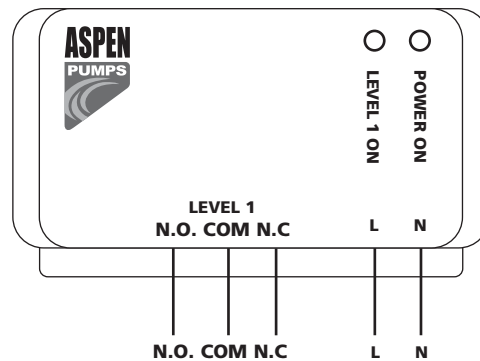
### Position the sensors

Free from direct draft and the tip should be a minimum of 5mm from the top of the tray or water container. Ensure the tip is in free air and unable to touch the sides. There is also an ambient sensor, which is within the cable 5cm from the gland of the level sensor and can be seen as a disc beneath the sleeve, this should be in free air to avoid heat conduction.

### Water level

The detector will trigger when the water has reached the first 2 to 3mm of the sensor (this should be taken into account when positioning the height of the sensor). As the device works on heat conductivity, it can take up to 30 seconds for the contactors to switch.

Once the level of the water has dropped below the tip of the sensor the alarm will continue for some 5-6 minutes until the heat of the sensor has completely dried all the water.



### NOTE

IT IS IMPORTANT THAT THE NORMAL LEVEL SENSOR IS NEVER IN A SITUATION WHERE IT WILL BE COMPLETELY SUBMERGED UP TO THE AMBIENT SENSOR ABOVE THE GLAND. IN SUCH AN EVENT THE DEVICE WILL CEASE TO OPERATE.