



## Overflow Detector

# Model UDOF-24

### SPECIFICATION

The 'Aqualarm' UDOF-24 Overflow Detector is made up of TWO components, the Detector Module and the Overflow Detector, connected via a 2m jumper cable. Both the Detector Module and the overflow detector are manufactured from STAREX General ABS (SD-0150) plastic. The bottom of the Overflow Detector is fitted with a  $\frac{3}{4}$ " BSP threaded connector with two stainless steel sensing probes extending from the end. The connector should be inserted into a 'tee' to enable the probes to sense any water passing through the main overflow pipe. A red LED is incorporated onto the Detector Module, and will glow to indicate the detection of water. A reset switch is located on the end of detection module, plus a gland for connection from a 24 volt power supply to the PCB, and the return 'clean signal'. The 'clean signal' can be selected as normally open or normally closed via the PCB.

### Data

<b>Normal operating voltage:</b>	24 volts a.c. or d.c
<b>Quiescent Current:</b>	<10mA. per detector.
<b>Alarm Current:</b>	<100mA. per detector.
<b>Detector Oscillator frequency :</b>	6kHz
<b>Voltage at Probes:</b>	2 volts a.c.
<b>Recommended interconnecting cable:</b>	4 core 0.5mm <sup>2</sup> Screened (Type CY)
<b>Line-out voltage drop:</b>	1.5mV/m.
<b>Approvals:</b>	BS EN ISO 9001:1994 EMC Directive 89/336/EEC
<b>Module Dimensions:</b>	Height 45mm Width 70mm Length 135mm
<b>Detector Dimensions:</b>	Height 55mm Width 80mm x 80mm
<b>BSP Thread depth:</b>	30mm