



Overflow Detector

Model OFDi-24

SPECIFICATION

The 'Aqualarm' OFDi-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. Alarm monitoring and status is via a network, using a CAN bus system.

Data

Normal operating voltage:	24 volts d.c
Quiescent Current:	<10mA. per detector.
Alarm Current:	<100mA. per detector.
Detector Oscillator frequency :	6kHz
Voltage at Probes:	2 volts a.c.
Recommended interconnecting cable:	120Ohm 4 core 0.5mm ² Screened Twisted Pair.
Line-out voltage drop:	1.5mV/m.
Approvals:	BS EN ISO 9001:1994 EMC Directive 89/336/EEC
Module Dimensions:	Height 45mm Width 70mm Length 135mm
Detector Dimensions:	Height 55mm Width 80mm x 80mm
BSP Thread depth:	30mm