



Float Detector

Model UDF-24

SPECIFICATION

The 'Aqualarm' UDF-24 Liquid Level Detector is made up of TWO components, the detector module and the float switch, connected together via a 1m jumper cable. Both the detector module and the float switch are manufactured from STAREX General ABS (SD-0150) plastic. The detector module is fitted with a gland for connection from a 24 volt power supply to the PCB, and the return 'clean signal'. A red LED marked 'Alarm' is incorporated in the top of the Module.

The glass filled nylon float switch is held in place by a sprung clip, secured to the wall at the level desired for the alarm to be activated. The red LED on the detector module will glow to indicate the alarm has activated. The 'clean signal' can be selected as normally open or normally closed via the PCB. A reset switch is located on the end of detection module.

Data

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| Normal operating voltage: | 24 volts a.c. or d.c. |
| Quiescent Current: | <10mA. per detector. |
| Alarm Current: | <100mA. per detector. |
| Detector Oscillator frequency : | 6kHz |
| Voltage to Float Switch: | 2 volts a.c. |
| Float Switch Type: | make on rise or fall. |
| Recommended interconnecting cable: | 4 core 0.5mm ² Screened (Type CY) |
| Line-out voltage drop: | 1.5mV/m. |
| Approvals: | BS EN ISO 9001:1994 EMC Directive 89/336/EEC |

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| Module Dimensions: | Height 45mm |
| | Width 70mm |
| | Length 135mm |

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| Detector Dimensions: | Height 65mm |
| | Width 55mm |