



Point of use Detector

# Model UDP-24

## SPECIFICATION

The UDP-24 Point of Use water Detector is comprised of TWO components, the detector module and the point detector, connected together via a 1m jumper cable. Both the Detector Module and the Point detector are manufactured from STAREX General ABS (SD-0150) plastic. The Detector Module houses the electronic circuitry and the Point Detector houses the gold plated detection pins. The jumper cable is connected to the top of the Point Detector via a 3-pin plug & socket.

Conductive fluid touching the two detection pins simultaneously will cause the detector to enter an alarm condition.

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 plus a gland for connection from a 24 volt power supply to the PCB, and the return 'clean signal'.

An stabilizing bar is required, as a means of fixing the Point of Use detector to the floor surface.

## 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>Recommended interconnecting cable:</b>	4 core 0.5mm <sup>2</sup> Screened Screened Twisted Pair. (Type CY)
<b>Line-out voltage drop:</b>	BS EN ISO 9001:1994
<b>Approvals:</b>	EMC Directive 89/336/EEC
<b>Module Dimensions:</b>	Height 45mm Width 70mm Length 135mm
<b>Detector Dimensions:</b>	Height 65mm Width 55mm