



## Humidity Detector

# Model HDi-24

### SPECIFICATION

The 'Aqualarm' HDi-24 Humidity Detector is comprised of a STAREX General ABS box (SD-0150) housing the electronic circuitry to detect changes in the level of humidity and give an alarm signal should the humidity drop below the low level set point, or exceed any of the two high level set points.

Levels can be set between 30% and 100% and are entered via the Control Panel.

A red LED is incorporated and will glow to indicate the detection of a change in humidity outside of the set levels.

Alarm status and monitoring is via a network, using a CAN bus system.

### Data

|   |  |
|---|--|
| <b>Normal operating voltage:</b>          | 24 volts d.c   |
| <b>Quiescent Current:</b>                 | <10mA. per detector.                                       |
| <b>Alarm Current:</b>                     | <100mA. per detector.                                      |
| <b>Humidity range:</b>                    | 30-100%  |
| <b>Recommended interconnecting cable:</b> | 120Ohm 4 core 0.5mm <sup>2</sup><br>Screened Twisted Pair. |
| <b>Line-out voltage drop:</b>             | 1.5mV/m.   |
| <b>Approvals:</b>                         | BS EN ISO 9001:1994<br>EMC Directive 89/336/EEC            |
| <b>Dimensions:</b>                        | Height 86mm<br>Width 82mm<br>Depth 48mm                    |