

## *AFS airflow sensor with alarm relay output & an IP65 Enclosure*

The AFS airflow sensor was primarily designed to monitor the airflow inside the ducting of a heating and ventilation system.

When the pre-set airflow drops below 40% of the set value, the alarm LED will illuminate and the relay output will change over for remote indication.

There are four holes near the end of the probe that allows air to flow through the airflow sensor to ensure a fast response.

The enclosure has a self-sealing membrane that allows cables to be pushed into the box without cable glands. Or, a cable gland can be easily fitted for secure installation.

There are two mounting lugs with a fixing center of 90mm external to the box for securing the unit.



### Specification

|                         |   |
|-------------------------|---|
| Supply voltage          | 240Vac, 50 or 60Hz, $\pm 10\%$ ;<br>110V version available with a suffix of 110V                              |
| Air flow velocity       | 2 to 10m/sec, adjustable by an internal potentiometer   |
| LEDs                    | Green LED indicates sufficient airflow<br>Red LED indicates airflow has dropped to below 40% of the set value |
| Output                  | Relay with 1 N/O & 1 N/C, 3A@240Vac   |
| Response time           | Typical 3 seconds. When the airflow drop from 50 to 100%  |
| Switch on delay         | 10 seconds max.   |
| Operating ambient temp. | -5 deg. C to +40 deg. C   |
| Dimension               | Enclosure: 80x80x52mm;<br>Sensor probe: length - 115mm max; dia. - 24mm                                       |
| Mounting pitch          | 90mm, 2 off 4mm holes.  |

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