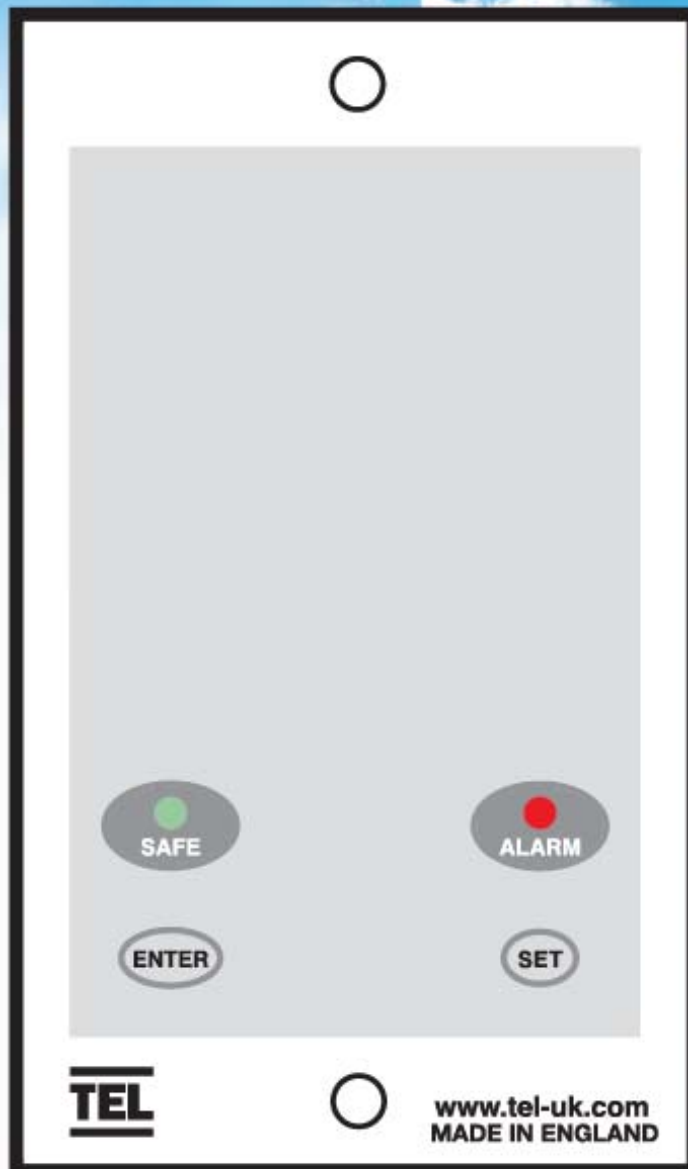


Airflow Monitors For The 21st Century



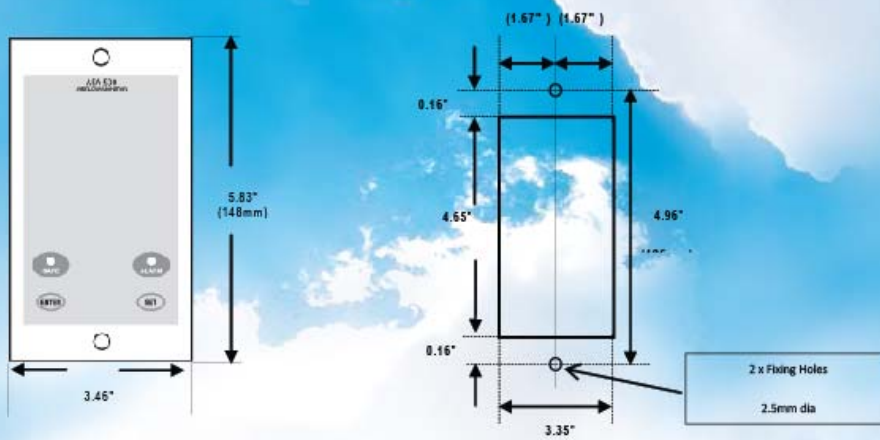
**AFA500 BSC
MK2**

TEL
www.tel-uk.com

Specifications - AFA500 BSC

Alarm Range	30 - 2000 fpm (0.15 - 10 m/sec)
Accuracy	Velocity +/- 5%
Airflow Sensor	Remote Duct Sensor
Calibration	Normal Airflow capture (Alarm point is calculated to 80% of normal flow) (Factory Adjustable 0-100%)
Low Air Alarm Delay	Fixed 5 Seconds
Relay Output	1 - (Low Air Alarm)
Analogue Output	Not available
Relay Input	2 - Night setback & Visor Open
Comm Port	Not available
Visor Open Indication	Yes -- Using a Micro switch or Proximity switch input With repeat alarm feature factory set to 5 Mins (Can be factory set up to 30 Mins)
Night setback	Yes - using a relay input
External alarm Indication	Not available
Power requirement	Input 120VAC, 60HZ Output 15VDC, 500mA
Display - visual	LED's, Red, alarm; Green, normal
Alarm Indication	Red LED & audible alarm
Horn silence	Yes - Temporary
Mounting	Fully flush
Operating temperature	55-86 F (13-30 C)
Storage temperature	-40 - 150 F (-40 - 65 C)
Instrument dimensions	Instrument Case 5.8" H x 3.46" W x 1" D (148mm x 88mm x 25mm)
Agency Listings	CE

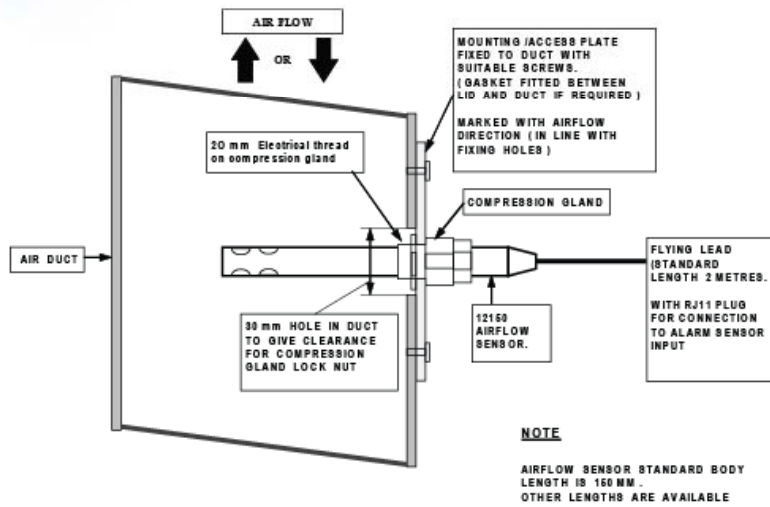
AFA1000 BSC MK2



Alarm Panel Dimensions

Panel Cutout Dimensions

4.65" x 3.35"



12150 Duct Airflow Sensor

Features - AFA500 BSC

Calibration :-

The AFA500 BSC is ideal for BSC applications where it is not possible to adjust the airflow to calibrate the alarm point.

In Calibration mode the AFA500 captures the normal velocity and calculates the alarm point (factory set to 80% +/- 10%)

Operation:-

The AFA500 BSC has Green Safe and Red Fail LED'S with and audible alarm. The audible alarm can be muted by pushbutton, remote input (Setback) or can be permanently silenced (pushbutton set).

The AFA500 has a dry contact volt free relay output that closes in an Air Fail condition.

The AFA500BSC has a Visor Open Alarm (LED and audible) with repeat timer (Factory set to 5 mins).

Airflow sensor:-

The 12150 Duct airflow sensor can be supplied with cutom lead lenghts (standard is 2M / 3') and operates in duct velocities up to 2000fpm.