

FastSense 25 – A High Sensitivity Smoke Detector

Features

- Advanced Laser Technology
- *ClassiFire* Artificial Intelligence Software
- Fire Alarm Control Panel Interface
- PC Based Remote software
- *SenseNET* Graphical Display and Control
- *PipeCalculator* Design Software
- Extensive range of fittings

Description

The **FastSense 25** detector is based on an aspirating system, incorporating patented artificial intelligence known as **ClassiFire**. The detector adopts a laser based technology making it extremely sensitive, thus providing the earliest warning to the slightest traces of smoke.

The **ClassiFire** intelligence continually monitors the environment and internal contamination, and then adjusts the sensitivity of the detector for optimum performance. The sensitivity is adjusted automatically for day/night modes or operational/non-operational levels with no need for external input.

The **FastSense 25** has a single port for the sampling pipe network with a maximum pipe length of 25m.

An Apollo Protocol Interface Card (APIC) allows seamless connectivity between the detector and an Ampac **FireFinder** or **LoopSense** Fire Alarm Control Panel.

Detector networking is achievable by connecting the detector to a **FastSense PLUS** detector with a 'Command Module' or **SenseNET** graphic system.

The **SenseNET** is a Windows based program that provides graphical central management and monitoring of up to 126 detectors. In a highly complex system design the **SenseNET** makes easy work of identifying the source of smoke, through its ability to produce site maps, warning sounds and spoken messages unique to each detector.

With the aid of the **PipeCalculator** design software a FastSense high sensitivity detection system can be easily designed.

Applications

- Return air ducts
- Large area/volume offices, warehouses
- Telephone exchanges
- Clean rooms
- Cold stores
- Computer rooms
- Document storage facilities



FastSense 25 Detector

Item Numbers

230-0001	<i>FastSense 25 Detector</i>
230-0003	<i>FastSense 25 docking station – open exhaust</i>
230-0004	<i>FastSense 25 docking station – piped exhaust</i>
230-0041	<i>FastSense Apollo Protocol Interface Card</i>
230-0046	<i>FastSense Notebook Cable</i>
216-0065	<i>FastSense 2A PSU excluding batteries</i>
216-0066	<i>FastSense 6A PSU excluding batteries</i>

*Additional FastSense Products can be found on the Ampac website.

Specifications

Operating Voltage	21.6 – 26.4Vdc
Quiescent Current	250mA at 24Vdc
Sensitivity Range (Obsc/m):	Min=25% Max-0.03%
Particle Sensitivity range	0.003 to 10 microns
Sampling Pipe Length	25m recommended, 50m max
Sampling Pipe Diameter	25mm
Operating Temperature	-10 to +60 Degree Centigrade
Operating Humidity	0-90% Non condensing
Cabinet Rating	IP50
Dimensions (mm)	135(W) x 175(H) x 80(D)
Weight	1.01kg