

Fire detection and evacuation solutions that save lives.

FastSense 100 – 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 100 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 100 has two ports for the sampling pipe network with a maximum pipe length of 50m per port.

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 100 Detector

Item Numbers

230-0002	FastSense 100 Detector
230-0005	FastSense 100 docking station – open exhaust
230-0006	FastSense 100 docking station – piped exhaust
230-0041	FastSense Apollo Protocol Interface Card
230-0046	FastSense Notebook Cable
216-0065	FastSense 2A PSU excluding batteries
216-0066	FastSense 6A PSU excluding batteries

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

Specifications

Operating voltage	21.6 – 26.4Vdc
Quiescent current	400mA at 24Vdc
Sensitivity Range (Obsc/m):	Min=25% Max=0.03%
Particle Sensitivity range	0.003 to 10 microns
Sampling Pipe Length	100m max
Sampling Pipe Diameter	25mm
Operating Temperature	-10 to +60 Degree Centigrade
Operating Humidity	0-90% Non condensing
Cabinet Rating	IP50
Dimensions (mm)	300(W) x 180(H) x 85(D)
Weight	3.7kg