

FAAST

FIRE ALARM ASPIRATION SENSING TECHNOLOGY®



Notifier by Honeywell:
FAAST™ Fire Alarm Aspiration
Sensing Technology

 **NOTIFIER**®
by Honeywell

Notifier by Honeywell: FFAST

FFAST Delivers

When very early warning fire detection is essential



FFAST is a ground breaking aspirating solution designed to deliver highly accurate and discreet early warning fire detection. Using unique dual vision technology and intuitive features that allow access to data from anywhere in the world, the product outperforms other aspirating systems on the market.

FFAST not only delivers zero false alarms, zero downtime and 100% business confidence, integration into the main fire system reduces the overall cost of maintenance.



Dual Vision. One Focus



FAAST puts you in control

The information you need to protect your most critical business assets

FAAST has one focus. To protect people, mission critical facilities and high value assets by sensing the faintest traces of smoke, in a wide range of challenging environments.

Intuitive Data

FAAST provides you with the data you need to manage your environment. It includes 5 alarm levels, 10 pre-alarm particulate levels and a 10-level airflow pendulum which verifies that air is flowing effectively through the pipe network. It also includes a full range of fault indications. All of this information can be read quickly and easily on the device's intuitive integral display* or through a variety of remote devices.

*Multiple language cards available. See Ordering Information.

Stay Connected

If there is a situation at your facility, you need to know about it instantly. FFAST's unique onboard Ethernet interface enables you to monitor the detector from any Internet browser, smart phone or mobile device with VPN capability. You can also configure the detector to deliver e-mail status updates to appropriate personnel. This means you will be advised of whatever you need to know to protect your facility — no matter where you are.

Dual Vision. One Focus.

FAAST's dual vision sensing technology uses a blue LED to detect a wide variety of fires with extremely low concentrations of smoke and an infrared laser to identify nuisances (like dust) which can cause false alarms and downtime. Advanced algorithms interpret signals from both sources to meet one single focus — to protect your facility, people and assets with the earliest and most accurate smoke detection available.

Quick Set-Up

FAAST's all-in-one system configuration and monitoring software, PipeIQ™, guides you through initial pipe layout and system configuration. Once the system is installed, it enables ongoing configuration and system monitoring from anywhere in the world, via the Internet, using FFAST's onboard Ethernet connection. The PipeIQ software is included with FFAST.

Features

- Detection as precise as 0.00151 %/m obs.
- Five alarm levels and two sensitivity modes provide application flexibility
- Dual flow detection including both ultrasonic and electronic sensing for pipe and chamber air flow measurement
- A single device protects up to 2,000 square metres
- Advanced detection algorithms reject common nuisance conditions
- Patented particle separator and field-replaceable filter remove contaminants from the system
- PipeIQ™ software provides intuitive system layout, configuration and monitoring all in one package
- Integral Ethernet interface enables remote monitoring and e-mail status updates
- Fault indicators provide a broad spectrum of events
- Unique air flow pendulum graph verifies pipe network functionality
- Particulate graph displays subtle environmental changes for early problem indications



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The Aspirating Detection System

The FFAST™ Solution for Aspirating detection

Physical Specification

Height	33.7 cm
Width	33 cm
Depth	12.7 cm
Cable Access	2.54 cm cable entry holes on top and bottom of unit
Wire Gauge	0.5-2.0mm ² (12-24 AWG)
Maximum Single Pipe Length	120m
Maximum Total Branched Pipe Length	320m
Maximum Air Inlet Holes	36 holes
Network Outside Pipe Diameter	25 mm
Internal Pipe Diameter	15-21 mm
Sensitivity Range	0.0015 %/m. obs – 20.5 %/m. obscuration
Relays	8 Changeover contacts, 3 AMP, programmable latching or non-latching
Event Log	18,000 events stored
Communication Network	Ethernet monitoring, 6 E-mail address alerts
Shipping Weight	5.26kg includes packing material

Electrical Specification's

External Supply Voltage	18-30 VDC
Remote Reset Time	External monitor must be pulled low for a minimum of 100 ms
Power Reset	1 sec.
Avg. Operating Current	500 mA @ 24 VDC
Alarm	650 mA – All relays active, all alarm levels displayed. Voltage @ 24 VDC
Maximum Current Draw	650 mA Voltage at 18 VDC

Environmental Specification's

Operating Temperature	0°C to 38°C
Sampled Air Temperature	-20°C to 60°C
Humidity Range	10 to 95% (non-condensing)
IP Rating	IP30
Coverage Area	Up to 2000sq. m
Air Movement	0-1,219 m/min. (20m s ⁻¹)

Safety, Integrity and Heritage.

Notifier by Honeywell is the world's largest manufacturer and supplier of engineered fire alarm systems. With over 400 Engineered Systems Distributors worldwide, and regional support on every continent, we have the flexibility to meet our customers' requirements. With over 50 years of experience, we offer unrivalled specialist knowledge and products designed to meet all needs. Notifier offers a comprehensive line of quality fire detection and alarm control solutions.

These include everything from smoke detection and notification, nonaddressable fire alarm panels, analogue addressable systems, to advanced network and integration packages. As a leader in the fire safety market, Notifier is dedicated to the highest standards of service and product quality. Our operations are accredited to ISO 9001 and our products are designed and manufactured to meet every major international approval, including LPCB, VdS, UL, ULC and BOSEC/ANPI.

Notifier is a division of Honeywell International, a diversified technology and manufacturing leader, serving customers worldwide. By partnering with Notifier, you have the reassurance of working with a company of global standing that provides cutting edge fire detection systems.



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