INDUSTRIAL FIXED

FS10-R

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Overview

A high-speed microprocessor based fire detection and process control system specially designed for liquid and powder coating applications, the FS System 10™ quickly detects the presence of a flame, reacts by initiating a shutdown of the electrostatic finishing process in a matter of milliseconds: and effectively interrupts the fire before residues and wet paint films can ignite.

Product Overview:

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The FS System 10 is the only system that provides a two-stage response:an ALERT for spray gun 'fireball' type fires and if the fire continues, a FIRE ALARM is declared in 4-5 seconds.

The FS System 10 is vastly superior to conventional detectors due to the electro-optical quantum infrared sensors array and the ability to accurately detect fires without false alarms.The FS System 10 is available in both wall-mount controller and card controller configurations.(For additional information on card controller, consult the factory.)

The detector is mounted in an explosion-proof housing.The wall-mounted controller is a self-contained system mounted in a NEMA 12 enclosure with LCD display and LED status lights.Three 10-amp mechanical relays have been incorporated for shutting down the paint flow, electrostatics and conveyor.Event history and fire tech data are reported by the detector in real time and data, then stored in the controller's non-volatile memory.FirePic™ and SnapShot™ data can be downloaded from the RS-232 port of the controller from your PC.The controller may operate with one or two detectors.

FS10-R Unitized

The FS10-R Unitized is a multi-spectral infrared electro-optical flame detector designed specifically for liquid paint or powder spray booth applications.Based on the FS System 10, the FS10-R Unitized flame detector meets the need for a stand-alone capability and complies with the NFPA 33 Standard.The WideBand IR™, NearBand IR, and Visible sensors combined with the advanced signal procession provide optimum performance.High spend fire response with optional factory sensitivity settings and alarm outputs provide the best, proven solution to fire detection for the Finishing Industry.

Additional Features and Benefits:

- Multi-Spectral digital electro-optical infrared fire detector
- Immune to false alarms caused by arcs or corona discharges
- Built-in automatic 'through the lens' self-test
- Not sensitive to background radiant energy sources such as paint heaters
- Not affected by absorbing smoke or paint solvent mist in liquid pant spray booths
- Sees through paint, powder or oil residue on detector's lens
- Digital communications with RS-485 interface
- FirePic™: retrieval of recorded pre-fire data
- SnapShot™: dynamic graphical display of what the detector sees

Features & Benefits:

- Multi-spectral digital electro-optical infrared fire detector
- Meets requirements of NFPA 33
- Unique two-stage ALERT and FIRE ALARM response

Quick Specs:

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- Built-in automatic 'through the lens' self-test
- Not sensitive to background radiant energy sources such as paint heaters

Even the best products deserve expert maintenance!

Elevate your gas detectors' potential with Honeywell's expert maintenance services! Maximize uptime, eliminate costs, and ensure on-time, on-budget project completion.

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Specifications

BRAND

Brand
- Honeywell

CATEGORY

Sub-Category
- Flame Detectors

Product Number

BP-1	Backplane for 1 Card Controller
BP-2	Backplane for 2 Card Controllers

BP-4-L9	BACKPLANE FS10 4 CARD CONTROLLERS
CAB-100	100 ft. Card Controller Cable. Connects Fire Detector to Controller
CAB-50	50 ft. Card Controller Cable. Connects Fire Detector to Controller
FS10-CARD-2FL	Liquid paint spray line applications with two (2) fire signal relay levels
FS10-CARD-2GE	Powder coating and paint spray line applications with two (2) fire signal relay levels
FS10-CARD-2GF	General finishing applications with process control and fire alarm signal relays
FS10-CARD-2WL	Paint spray line applications with three (3) fire signal relay levels
FS10-DET-MODULE	Replacement Electronics Module for Fire Detector for the above SystemsState Serial Number of Module to be replaced

Feedback

Alternative Products

FS20X Flame Detector
FS20X Flame Detector

FSL100 Flame Detectors
FSL100 Flame Detectors

[FS24X Flame Detector](#)

FS24X Flame Detector

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Feedback