

HFS(A) Intelligent Plug-in Detectors



Addressable Devices

General

The Honeywell HFS(A) intelligent plug-in smoke/heat detectors with integral communication provide point location for alarm communication and selective maintenance. This product line is ideal for small commercial spaces.

Point ID capability allows each detector address to be set with easy-to-use rotary code switches to provide exact detector locations. A maintenance alert trouble will be reported if sensitivity drifts outside the listed range.

The HFS-P(A) photoelectric detector's unique optical sensing chamber is engineered to sense smoke produced by a wide range of combustion sources. Dual electronic thermistors add 135°F fixed temperature thermal sensing on the HFS-PT(A) model. A maintenance alert trouble will be reported if sensitivity drifts outside the listed range.

The HFS-T(A) detectors use an innovative thermistor sensing circuit to produce 135°F fixed thermal detection in a low profile package. These thermal detectors provide cost effective, intelligent property protection in a variety of applications.



HFS-PT_rgb.jpg

Features

- UL and ETL listed to UL 268 and UL 521
- ULC listed to ULC S529 and S530
- Streamlined design
- Analog communications
- Low standby current
- Rotary address switches
- Superior EMI protection
- Dual LEDs for 360° visibility
- Shipped with mounting base

Specifications

PHYSICAL/OPERATING SPECIFICATIONS

Height: 2.0 in (51 mm)

Diameter: 6.1 in (155 mm) installed

Shipping Weight: Heat: 7.68 oz (217.7 g);

Photo/Photo with Heat: 7.95 oz (225.4 g)

Operating Temperature Range:

- **Photo:** 32°F to 120°F (0°C to 49°C)
- **Photo with Thermal:** 32°F to 100°F (0°C to 38°C)
- **Thermal:** –4°F to 100°F (–20°C to 38°C)

UL Listed Velocity Range: Photo/Photo with Thermal: 0 – 4000 fpm (0 – 20 m/sec)

Operating Humidity Range: 10% to 93% noncondensing

Thermal Ratings Fixed Temperature Setpoint: 135°F (57°C)

ELECTRICAL SPECIFICATIONS

Voltage Range: 15 to 32 volts DC peak

Standby Current (max. avg.): 300 µA @ 24VDC (one communication every 5 seconds with LED enabled)

LED Current (max.): 6.5 mA @ 24 VDC (on)

Ordering Information

HFS-P(A): Photoelectric smoke detector, includes base.

HFS-PT(A): Photoelectric smoke detector with thermal, includes base.

HFS-T(A): Fixed temperature thermal detector, includes base.

Note: Use "A" versions for Canadian applications.

Agency Listings

HFS-P(A)/HFS-PT(A)

- **UL Listed:** S24850
- **ULC Listed:** S6959
- **ETL (US):** 100032807CHI-001
- **CSFM:** 7272-1130:280

HFS-T(A)

- **UL Listed:** S24851
- **ULC Listed:** S6972
- **ETL (US):** 3197837CHI-001

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