

HFS-DPR(A)

Intelligent Low-Profile Plug-in Detector



Addressable Devices

General

The Honeywell HFS-DPR(A) intelligent plug-in smoke detector with integral communication provides point location for alarm communication and selective maintenance.

The Honeywell HFS-DPR(A) photoelectric detector's unique optical sensing chamber is engineered to sense smoke produced by a wide range of combustion sources. The HFS-DPR(A) is specifically a remote test capable detector for use with the HFS-D(A) duct smoke detector. Detector sensitivity can be programmed in the control panel software. Sensitivity is continuously monitored and reported to the panel. Point ID capability allows each detector address to be set with easy-to-use rotary code switches to provide exact detector locations for selective maintenance when chamber contamination reaches an unacceptable level.

Features

- UL and ETL listed to UL 268
- ULC listed to ULC S529
- Sleek, low-profile design
- Analog communications
- Low standby current
- Rotary address switches
- Superior EMI protection
- Dual LEDs for 360° visibility

Specifications

PHYSICAL/OPERATING SPECIFICATIONS

Dimensions:

- **Height:** 2.0 in (51 mm)
- **Diameter:** 4.1 in (104 mm)
- **Shipping Weight:** 5.2 oz (147 g)
- **Operating Temperature:** 32°F to 120°F (0°C to 49°C)
- **UL Listed Velocity Range:** 0 – 4000 fpm (0 – 20 m/sec) (suitable for installation in ducts)
- **Operating Humidity Range:** 10% to 93% noncondensing

ELECTRICAL SPECIFICATIONS

- **Voltage Range:** 15 to 32 volts DC peak
- **Standby Current (max. avg.):** 300 μ A @ 24VDC (one communication every 5 seconds with LED enabled)
- **LED Current (max.):** 6.5 mA @ 24 VDC (on)



Ordering Information

HFS-DPR(A): Photoelectric smoke detector, remote test capable, for use with HFS-D(A) duct smoke detectors

RA100Z(A): Remote LED annunciator

RTS151(A): Remote test station

RTS151KEY(A): Remote test station with key

M02-04-00: Detector test magnet

M02-09-00: Telescoping test magnet

XR2B: Detector removal tool (T55-127-010 included)

XP-4: Extension for XR2 (5 to 15 ft)

T55-127-010: Detector removal head

Note: Use "A" versions for Canadian applications.

Agency Listings

- **UL Listed:** S24850
- **ULC Listed:** S6959
- **ETL (US):** #100037402CHI-002

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