

# FAA-325-B6 6-inch Analog Sensor Base

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- ▶ Modular design
- ▶ Robust six-inch detector base
- ▶ Easy sensor removal for cleaning and servicing
- ▶ Stable mounting of sensors
- ▶ Terminal screws for remote LED, Data In and Out provided

The FAA-325-6 Analog Sensor Base is combined with analog addressable sensors that use the advanced digital communication protocol (DCP) to provide early fire warning for life safety and property protection.

## Functions

### Modular Design

The sensor base is part of a two-piece modular designed detector assembly. The permanently installed base provides in and out connection points for the polling circuit.

### Preservation of loop

The sensor base has a simple rugged design with terminal screws for wiring. It preserves loop continuity when sensors are removed.

### Locking System

A simple tamper-proof lock is enabled by removing a small plastic tab on the back of the sensor. Once locked, the sensor must be removed with a small screw driver.

## Certifications and approvals

| Region | Certification |  |
|--------|---------------|--|
| USA    | UL            | UROX: Smoke-automatic Fire Detectors (ANSI/UL 268) |
|        | CSFM          | see our website                                    |

## Installation/configuration notes

### Compatibility

The following devices are compatible with the FAA-325-6 Analog Sensor Base:

| Category    | Product ID  | Product Description                 |
|-------------|-------------|-------------------------------------|
| Fire Panels | FPA-1000-UL | Compact Fire Panel                  |
|             | FPA-1000-V2 | Analog Addressable Fire Panel       |
| Detectors   | FAH-325     | Analog Heat Detector                |
|             | FAI-325     | Analog Ionization Smoke Detector    |
|             | FAP-325     | Analog Photoelectric Smoke Detector |

### Mounting

For UL Listing requirements, space the detectors no more than 30 ft (9.1 m) apart.

## Wiring

Install the detector base in either a Class A or a Class B analog polling circuit with the following wirings depending on the distances:

| Wiring                             | Distance          |
|------------------------------------|-------------------|
| 18 AWG (ISO 0.75 mm <sup>2</sup> ) | 3900 ft (1188 m)  |
| 16 AWG (ISO 1.5 mm <sup>2</sup> )  | 6200 ft (1889 m)  |
| 14 AWG (ISO 2.5 mm <sup>2</sup> )  | 10000 ft (3048 m) |

## Parts included

| Quant. | Component  |
|--------|--|
| 1      | FAA-325-6 Analog Sensor Base   |
| 1      | Hardware pack: <ul style="list-style-type: none"> <li>• Two mounting screws</li> </ul> |
| 1      | Literature – Installation manual   |

## Technical specifications

### Electrical

|          |                    |
|----------|--------------------|
| Voltage: | 24 VDC to 40.7 VDC |
|----------|--------------------|

### Environmental

|                          |  |
|--------------------------|--|
| Environment:             | Dry; Indoor use only   |
| Relative Humidity:       | Up to 95%, non-condensing  |
| Temperature (operating): | +14°F to +122°F (-10°C to +50°C)<br><i>For UL Certificated installations, +32°F to +115°F (0°C to +47°C)</i> |
| Temperature (storage)    | -4°F to +140°F (-20°C to +60°C)  |

### Mechanical

|             |                                    |
|-------------|------------------------------------|
| Color:      | Ivory                              |
| Material:   | ABS Blend                          |
| Dimensions: | 4 in. x 1.5 in. (10.2 cm x 3.8 cm) |
| Weight:     | 2.3 oz (65 g)                      |

## Ordering information

### FAA-325-B6 6-inch Analog Sensor Base

6-inch (152.4 mm) base for FAH-325, FAI-325, and FAP-325 sensors. **US sales only!**

Order number **FAA-325-B6**

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