FAA-325-B4 4-inch Analog Sensor Base

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Invented for life

▶ Modular design

▶ Small and robust detector base with same diameter as detectors

▶ Easy detector removal for cleaning and servicing

▶ Stable fixing of detectors

▶ Terminal screws for remote LED, Data In and Out provided

The FAA-325-B4 Analog Detector Base is combined with analog addressable detectors that use an advanced digital communication protocol to provide early fire warning for life safety and property protection.

Functions

Modular Design
The detector 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
It contains a simple rugged design with terminal screws for wiring and preserves loop continuity when detectors are removed.

Locking System
A simple tamper-proof locking system is provided which can be enabled by removing a small plastic tab on the back of the detector. Once locked, the detector can only be removed by using 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-B4 Analog Detector 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

The detector base installs over 4-inch octagonal or square back boxes. *For UL Listing requirements, space the detectors no more than 30 ft 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:

Wirings	Distances
18 AWG (ISO 0.75 mm^2)	3900 ft (1188 m)
16 AWG (ISO 1.5 mm^2)	6200 ft (1889 m)
14 AWG (ISO 2.5 mm^2)	10000 ft (3048 m)

Parts included

Quant.	Component
1	FAA-325-B4 Analog Detector Base
1	Literature pack

Technical specifications

Environmental

Operating Temperature	+32°F to +100°F (0°C to +37.8°C)
Relative Humidity	95 %, non-condensing at +104°F (+40°C)
Application Area	Indoor

Mechanical

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

Ordering information

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Order number **FAA-325-B4**