FAA-325-B6 6-inch Analog Sensor Base

www.boschsecurity.com

BOSCH
Invented for life

▶ 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^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-325-6 Analog Sensor Base
1	Hardware pack: • Two mounting screws
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) *For UL Certificated installations, +32°F to +115°F (0°C to +47°C)*
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**