Fike®

63-1320 Photoelectric Smoke Detector

FEATURES

- UL 268 7th edition listed
- High signal-to-noise ratio and sensitivity stability effective in a wide range of environmental conditions
- Wide viewing angle alarm indicators
- Automatic drift compensation and maintenance indication
- Built-in magnetic test feature
- Break-away, hidden locking feature for use with NS bases
- Optimized reduction to false alarms and enhanced reaction time to real fires

DESCRIPTION

The 63-1320 is a reliable, high-quality multi-criteria Photoelectric Smoke Detector that is compatible with the Fike SHP-Pro® control panel. It can be used in all open areas where Photoelectric Smoke Detectors are required. The new multi-spectrum smoke categorization technology detects smoldering and flaming fires fueled by traditional materials and polyurethane while reducing nuisance cooking alarms.

OPERATION

The 63-1320 utilizes a green/red LED to indicate status. In a normal standby condition, the LED flashes green every 3 seconds. When the detector senses that its sensitivity has drifted outside the UL listed sensitivity window, the LED will flash red every 3 seconds. The status LED will latch on Red when the detector senses smoke and goes into alarm.

ORDERING INFORMATION

Part Number	Description
63-1320	Photoelectric smoke detector (Hochiki SOE-24V)

SPECIFICATIONS

Sensing Element	Smoke	IR LED, Blue LED, Photoiode
Supply Voltage	Operating Voltage Range	8-35VDC
	Absolute Max Voltage	42VDC
	Maximum Voltage Ripple	8200mVAC
	Maximum Input Capacitance	0.01uF
Current Consumption	Standby Current	59µA
	Minimum Allowable Alarm Current	5mA
	Maximum Allowable Alarm Current	150mA
Startup	Time	25s (Max)
	Current	160µA (Max)
Reset	Time	100ms (Min)
	Voltage	2.5V (Min)
Compatible Base Part Number	67-1037, 67-1035, 67-1036, 67-1034	
Operating Temperature Range	32ºF (0 ºC) ~ 120ºF (49 ºC)	
UL Listed Ambient Temperature Range	32ºF (0 ºC) ~ 120ºF (49 ºC)	
Storage Temperature Range	-22ºF (-30 ºC) ~ +140ºF (60 ºC)	
Operating Humidity Limit	<95%RH at 104ºF (40 ºC), <85%RH at 140ºF (60 ºC)	
Dimension	3.94" (10 cm) diameter x 1.69" (4.29 cm) tall	
Color	Ivory	
Weight	3.53 oz. (100 g)	
Air Velocity Range	0-4000 fpm	
Sensitivity Range	1.82 – 3.16%/ft.	
Approvals	Underwriters Laboratories Factory Mutual Approved California State Fire Marshal *For exact certification listings, please reference the respective agency website.*	