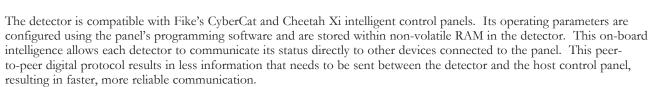




# INTELLIGENT PHOTOELECTRIC SENSOR

#### DESCRIPTION

The Fike Intelligent Photoelectric, spot-type smoke sensors (P/N 63-1052 & 63-1058) have sensing chambers that utilize the light scattering principle to detect smoke. The sensing chamber employs features that minimize the effect of settled dust on performance. The sensor is designed with tri-color LEDs to indicate detector status. The detector can be programmed to make the LEDs blink or be steady green, amber or red. A remote LED annunciator (P/N 02-3868) is available as an accessory. It can be configured to follow the sensor LED operation or be independently controlled. The isolator version (P/N 63-1058) provides complete short circuit isolation for NFPA 72, Style 7 wiring if used with an isolator base.



#### SPECIFICATIONS

Normal Operating Voltage: Standby Current: Alarm Current: Humidity Range: Temperature Range: Height: Diameter:

Weight: Detector Spacing: 15 to 30 VDC 481μA max. @ 24 VDC (continuous broadcasts) 2 mA max. @ 24 VDC (LEDs on) 10% to 93% Relative Humidity, non-condensing 32°F to 120°F (0°C to 49°C); 63-1052/63-1058 32°F to 100°F (0°C to 38°C) 2.1 inches (51 mm) installed in 63-1054 Base 6.1 inches (155 mm) installed in 63-1054 Base 4.1 inches (104 mm) installed in 63-1055 Base 5.2 oz. (147 g) 30 ft. (9.1 m) maximum

### **APPROVALS**

- UL S911
- FM 3021590 (isolator) 3023166 (non-isolator)
- MEA 7-05-E
- CSFM 7272-0900:139

Form No. P.1.88.01-2

## **ORDERING INFORMATION**

Fike P/N	Manf. Model No.	Description
63-1052		Photoelectric Smoke Detector - Non-Isolator
63-1058		Photoelectric Smoke Detector - Isolator
		Mounting Bases
63-1054		6" Flanged Mounting Base - Non-Isolator
63-1060		6" Flanged Mounting Base - Isolator
63-1055		4" Flangeless Mounting Base - Non-Isolator
63-1061		4" Flangeless Mounting Base -Isolator
02-10373	RMK400	Recessed Mounting Kit
20-1083	SMK400E	4" Flangeless Surface Mounting Kit
20-1084	A10-29-400	6" Flanged Surface Mounting Kit
63-1063		Relay Base
63-1064		Sounder Base
Accessories		
20-1085	F110	Retrofit Flange
20-1405	RA100Z	Remote LED Annunciator
20-1087	XR2B	Detector Removal Tool (20-1089 included)
02-4986	XP-4	Extension for 02-4985 (5–15 ft)
20-1089	T55-127-000	Detector Removal Head
20-1090	BCK-200B	Black Detector Kit
55-051		Configuration IR Tool

