## HEAT DETECTOR - S-A4013

SHIELD Heat Detector is distinguishable by the low airflow resistant case and uses a single thermistor to sense the air temperature around the detector.

- Ideal for environments that are dirty or smoky under normal conditions
- Well suited for warehouses, loading docks and parking garages
- Unaffected by wind or atmospheric pressure
- Remote test feature

### Technical Data

| | |
|---|---|
| Detector Type | Heat |
| Working Voltage | 17 - 28 V DC |
| Modulation Voltage (peak to peak) | 5 - 9 V |
| Maximum Alarm Current LED on | 3 mA |
| Surge Current | 1 mA |
| Supervisory Current | 250 µA Avg, 500 µA Peak |
| Heat Element Rating | 135°F (57°C) |
| Test Method | Hair dryer |
| Alarm Range | 55°C to 90°C |
| Operating Temperature Range | 131°F to 194°F |
| Coverage | 600 sq. ft. |
| Dimensions (diameter x height) | 100 mm x 42 mm |
| Weight | 105 g |

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# INITIATING DEVICES

## MULTISENSOR - S-A4014

SHIELD Multisensor contains a photo-electric smoke sensor and a thermistor (temperature sensor) whose outputs are combined to give the final analog value.

- Sensitive to a wide range of fires
- Well suited for environments such as hotel bedrooms, warehouses & loading docks
- Unaffected by wind or atmospheric pressure

### Technical Data

| | |
|---|---|
| Detector Type | Photoelectric smoke sensor and Thermistor |
| Working Voltage | 17 - 28 V DC |
| Modulation Voltage (peak to peak) | 5 - 9 V |
| Maximum Alarm Current LED on | 3 mA |
| Surge Current | 1 mA |
| Supervisory Current | 500 µA Avg, 750 µA Peak |
| Operating Temperature Range | 32°F to 140°F |
| Coverage | 900 sq. ft. |
| Dimensions (diameter x height) | 100 mm x 50 mm |
| Weight | 105 g |

## MOUNTING BASE - S-A4001/S-A4003

SHIELD Mounting Base which is a low insertion force base with stainless steel contacts for the detector terminals. XPERT Cards are supplied with all bases.

- XPERT addressing
- One way fit
- Locking feature to prevent unauthorized removal

### Technical Data

| | |
|---|---|
| S-A4001 | Standard Mounting Base 4” |
| S-A4003 | Standard Mounting Base 6” |

## E-Z FIT BASE - S-A4006

The E-Z Fit Base is a low profile 6” mounting base for SHIELD detectors.

- High degree of protection against unauthorized removal

# NETWORK SYSTEM SCHEMATIC WITH INITIATING DEVICES