

INITIATING DEVICES

PHOTO-ELECTRIC SMOKE DETECTOR - S-A4011

SHIELD Photo-Electric Smoke Detector works on the light-scatter principle and is ideal for applications where slow-burning or smoldering fires are likely.

- Responds well to slow-burning, smoldering fires
- Well suited for bedrooms and escape routes
- Unaffected by atmospheric pressure

TECHNICAL DATA

Detector Type	Photoelectric
Working Voltage	17 - 28 V DC
Modulation Voltage (V peak to peak)	5 - 9 V
Maximum Alarm Current LED on	4 mA
Surge Current	1.0 mA
Supervisory Current	340 μ A Avg, 600 μ A Peak
Storage Temperature Range	-30°C to +80°C
Operating Temperature Range	0°C to 38°C
Dimensions (diameter x height)	100 mm x 42 mm
Weight	105 g



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 μ A Avg, 500 μ A Peak
Heat Element Rating	57°C
Test Method	Hair dryer
Alarm Range	55°C to 90°C
Operating Temperature Range	55°C to 90°C
Coverage	600 sq. ft.
Dimensions (diameter x height)	100 mm x 42 mm
Weight	105 g

