

S-A4011

Photo-Electric Smoke Detector



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	4.5 mA
Surge Current	1.0 mA
Supervisory Current	340 µA
Test Method	Home Safeguard, Gemini 501
Storage Temperature Range	-30°C to +80°C
Operating Temperature Range	-20°C to +60°C
Dimensions (diameter x height)	100 mm x 42 mm
Weight	105 g

S-A4013

Heat Detector



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 (V peak to peak)	5 - 9 V
Maximum Alarm Current LED On	2.5 mA
Surge Current	1.0 mA
Supervisory Current	250 µA
Heat Element Rating	135°F (57°C)
Test Method	Hair Dryer
Dimensions (diameter x height)	100 mm x 42 mm
Weight	105 g

Note: Specifications are subject to change without notice