

**S-A4011**

SIGNALING

**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             | 5 - 9 V<br>(V peak to peak) |
| 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**

SIGNALING

**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             | 5 - 9 V<br>(V peak to peak) |
| 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

SIGNALING

[www.shieldglobal.com](http://www.shieldglobal.com)