5193SD/5193SDT

V-PLEX® ADDRESSABLE SMOKE DETECT(

Reviewed for Code Compliance
Inspections Division
Approved with Conditions

Date: 12/14/16

Honeywell's 5193SD/SDT Addressable Photoelectric Smok
with compatible UL-listed Honeywell control panels that su
optical sensing chamber and an advanced microprocessor
operation at factory calibrated detection levels, even when
the unit's chamber. The 5193SDT also features a restorable, built-in, fixed temperature (135° F/57.2° C) thermal detector.

FEATURES

- **Easy Installation:** Installation of the 5193SD/SDT detector is simplified by the use of a mounting base that may be pre-wired to the system, allowing the detector to be easily installed or removed for maintenance or service. (See Figure 1).
- **LED Status Indicators:** Two LEDs (green and red) provide local visual indication of the detector's status – including normal operation, alarm, out of sensitivity and trouble conditions.
- **Test button:** This button allows the user to perform periodic testing of the detector's circuitry and verify that the detector is within the sensitivity limits.
- **Versatile Mounting:** Mounting is made simple with the included hardware and the large mounting ports, which accommodate drywall anchors for easy surface mounting. (See Figure 1).
- **Tamper Protection and Tamper Resistance:** The detector contains a built-in tamper switch that can communicate back to the control panel in the event the detector is removed from its base. For an added level of security, the detector also includes a tamper resistant element that prevents removal from the base without the use of tools. (See Figure 1).

Figure 1: Tamper-Resistant Feature/Wiring

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SPECIFICATIONS

- **Heat Sensor:** (Model 5193SDT):
  135° F (57.2° C);
  Fixed Temperature Electronic Thermistors
- **Operating Ambient Temperature Range:**
  32° to 100° F (0° to 38° C)
- **Operating Humidity Range:**
  0 to 95% RH non-condensing
- **Storage Temperature Range:**
  -4° to 158° F (-20° to 70°C)

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ACCESSORY (sold separately)

To measure the detector's sensitivity, the SENS-RDR Infrared Sensitivity Reader tool (sold separately) should be used. It reduces testing time, simplifies sensitivity measurements and displays them precisely in terms of percent per foot obscuration. The SENS-RDR eliminates the need for magnets, voltmeters and ladders.

Figure 2: Position of Reader

ORDERING

5193SD	Addressable Photoelectric Smoke Detector
5193SDT	Addressable Photoelectric Smoke Detector with Integral Heat Sensor

Accessory sold separately:

SENS-RDR	Handheld Sensitivity Reader

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Honeywell

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