APC®
by **Schneider** Electric

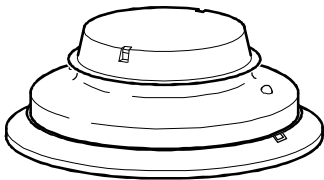# NetBotz® Smoke Sensor (NBES0307) Installation Instructions

⚠ **WARNING: The NetBotz Smoke Sensor is intended to provide supplementary protection for equipment in data center racks and enclosures only. It is not to be used to protect structures or personnel.**
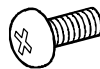
🛈 This Smoke Sensor includes a System Sensor® model 4W-B, I3 Series, Photoelectric Smoke Detector. For complete safety, installation, operation, and maintenance information, refer to the I3 Series Installation and Maintenance Instructions on the System Sensor Web site, **www.systemsensor.com**.
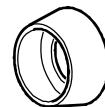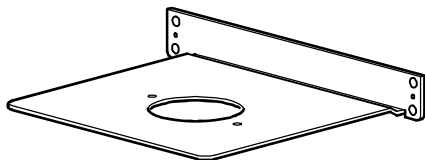
Inventory

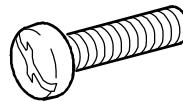Smoke sensor with 3.05-m (10-ft) cable (1)

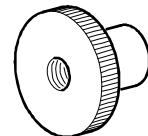❶ M4 x 8 pan head screw (2)

❷ M6 black plastic cup washer (2)
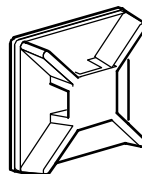

Smoke sensor bracket (1)
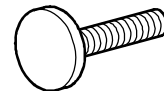

❸ M6 x 16 Phillips slot screw (2)
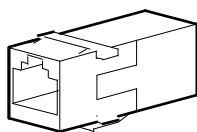

❹ M3 knurled thumb nut (2)

203-mm (8-in) tie wrap (10)

Adhesive cable tie holder (5)

❺ M3 x 12 stud fastener (2)

RJ-45 coupling (1)

Installation

⚠ **Caution:** Make sure you connect this sensor to a **Sensor** port on applicable NetBotz products. See your NetBotz product documentation for details.

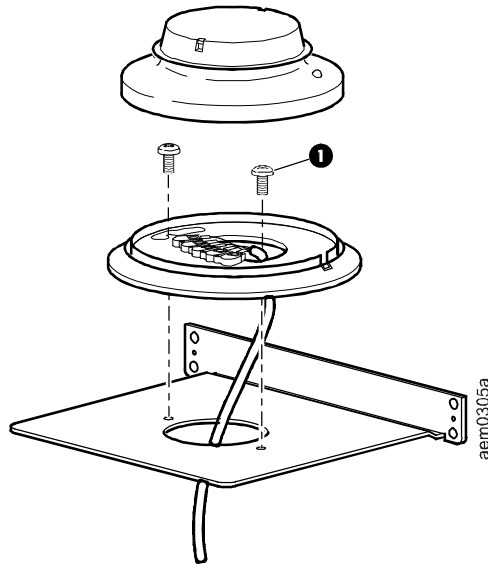**Caution:** Make sure you remove the orange protective cover shown in step three.

🛈 **Note:** Smoke detection is best when you install the sensor near the top of the enclosure. The sensor occupies one U-space.
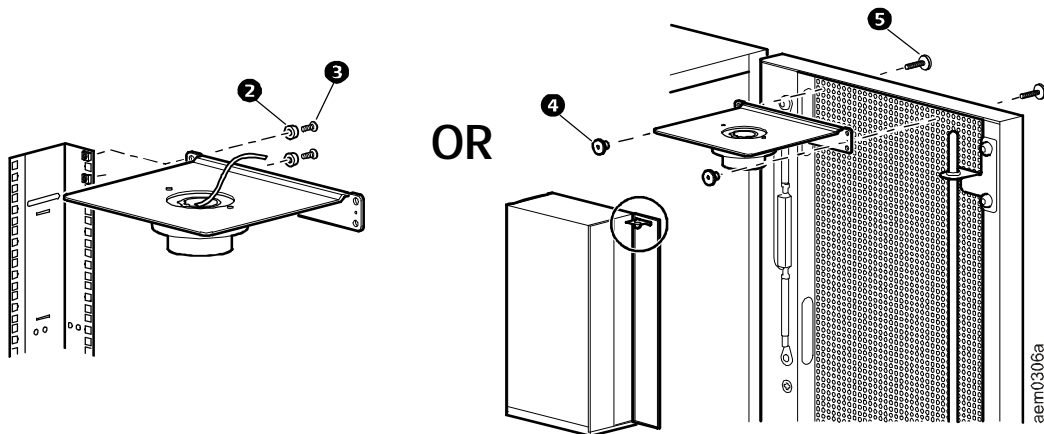
Note: You can extend the length of the sensor cable up to 30.5 m (100 ft) using the RJ-45 coupling and standard CAT-5 cabling.

Note: Use adhesive cable tie holders and tie wraps to secure the sensor cable.
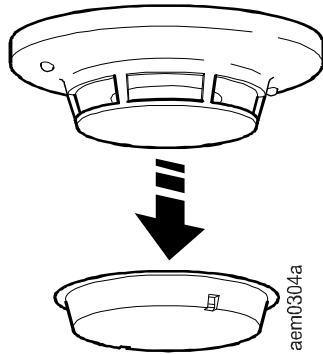
❶

aem0305a

❷

OR

aem0306a

❸

Operation

The Smoke Sensor LEDs function as follows:

- Both LEDs will blink simultaneously once every ten seconds during the power-up sequence.
- The green LED will blink once every five seconds to indicate normal operation.
- The red LED will blink once every five seconds to indicate that the Smoke Sensor is out of sensitivity.
- The red LED will turn on when the Smoke Sensor reports an alarm state.

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