

INTRODUCTION

For replacement of the sensor on the Room Particulate Matter Transmitter.

BEFORE INSTALLATION

Read these installation instructions carefully before commissioning the Particulate Matter Sensor. Failure to follow these instructions may result in product damage. Do not use in an explosive or hazardous environment, with combustible or flammable gases, as safety or emergency stop devices or in any other application where failure of the product could result in personal injury. **Use electrostatic discharge precautions during installation and do not exceed the device ratings.**

REPLACEMENT

Ensure the power to the unit has been switched off before beginning the replacements of the sensor.

The cover is hooked to the base at the top edge and must be removed from the bottom edge first. Use a small Phillips screwdriver to loosen the security screw as shown in Figure 1. (Complete removal of the screw is not required). Use a screwdriver to carefully pry each bottom corner if necessary, tip the cover away from the base as shown in Figure 2 and set it aside.

Unplug the sensor harness from the main board. To remove the sensor from the holding clip gently push clip away from one side of the sensor. See Figure 3. Lift sensor out of clip housing as shown in Figure 4.

To install new sensor, insert one side of sensor into clip housing under top clip and push sensor down until opposite top clip secures sensor to PCB. Plug harness from sensor into connector on PCB, note the connector is polarized to prevent incorrect installation. See Figure 5.

Switch power back on to unit and verify Particulate Matter Transmitter is operating properly with new sensor installed.

Figure 1

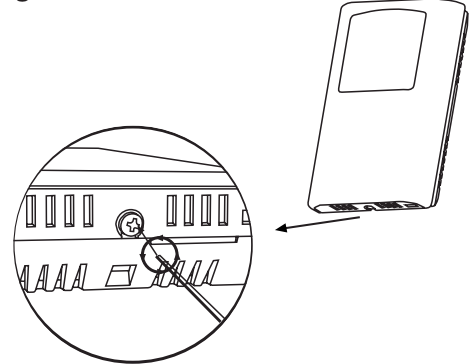


Figure 2

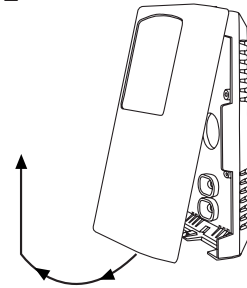


Figure 3

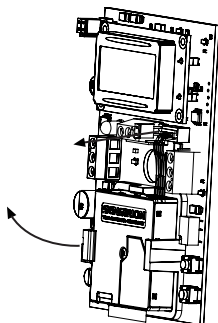


Figure 4

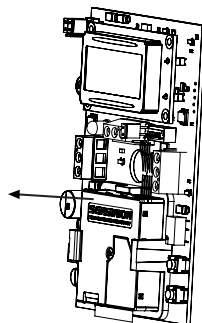


Figure 5

