

# CO-REPL CO Sensor Replacement Module for i<sup>4</sup> Series Combination Carbon Monoxide(CO)/Photoelectric Smoke Detector COSMO-2W (2-wire) and COSMO-4W (4-wire)

## BEFORE INSTALLATION

Please read your COSMO-2W/COSMO-4W instruction manual thoroughly for detailed information on the maintenance and testing. Copies of these manuals are available at [systemsensor.com](http://systemsensor.com).

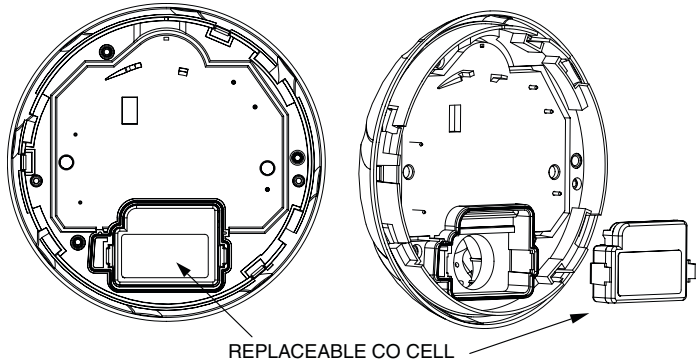
IMPORTANT: These detectors must be tested and maintained regularly following NFPA 72/NFPA 720 requirements. At a minimum, cleaning and testing should be performed annually.

## REPLACEMENT OF CO SENSOR

1. Remove the detector head by turning counterclockwise.
2. Locate the CO sensor on the back side of the detector head. (Refer to Figure 1)
3. Depress the 2 tabs on the CO sensor and pull it out.
4. Insert replacement CO sensor model CO-REPL.
5. Reattach the detector head to the base by applying light pressure and rotating clockwise. The detector will lock in place when properly aligned.
6. Test the detector to insure it is fully functional. (See Testing section)
7. Notify the proper authorities when the system is back in service.

NOTE: Before replacing the sensor or detector, notify the proper authorities that maintenance is being performed and the system will be temporarily out of service. Disable the zone or system undergoing maintenance to prevent any unwanted alarms. Follow the proper testing protocol as outlined in the Testing section to make sure the device is functioning properly. Dispose of detector in accordance with any local regulations.

FIGURE 1: CO SENSOR REPLACEMENT



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**Trouble feature:** When the sensor (supervision) is in a trouble condition (such as a detector that is dirty), the detector will send a trouble signal to the module then to the FACP. Depending on the issue, the detector must then be serviced or replaced.

**CO sensor end-of-life timer feature:** When the CO sensor has passed end-of-life, a trouble signal will be sent to the module then to the FACP. This indicates that the CO sensor inside the detector must be replaced. If unresolved for 30 days, the detector will chirp intermittently. The typical life of the CO sensor is ten years from the date of manufacture; it is recommended to periodically check the "Replace by" sticker located on the replaceable CO cell.