

# ***SENSALERT<sup>®</sup> PLUS***

## **Remote Calibration Kit**

### **Instruction Sheet**

Document No. 360-0096-01  
(Revision F)



Sensidyne, LP  
1000 112<sup>th</sup> Circle N, Suite 100  
St. Petersburg, Florida 33716 USA  
800-451-9444 • +1 727-530-3602 • +1 727-539-0550 [fax]  
web: [www.sensidyne.com](http://www.sensidyne.com) • e-mail: [info@sensidyne.com](mailto:info@sensidyne.com)

# • Remote Calibration Kit

## **WARNING**

Installation must be done in accordance with all local electrical codes. All warnings and Installation Instructions should be read and understood as contained in the SensAlert Plus Universal Gas Transmitter User Manual (P/N 360-0087-01).

## **PERFORMANCE WARNING:**

Sensor performance with the Remote Calibration Kit added may vary due to diffusion path differences and variability of flow conditions. This kit is not recommended for the calibration of chlorine, hydrogen chloride, sulfur dioxide, nitrogen dioxide, ethylene oxide, or other reactive gas sensors due to gas sorption problems in tubing.

The SensAlert Plus Remote Calibration Kit components are listed below

310-0025-02 ..... Sensor Holder, Remote Calibration (Aluminum)  
310-0025-04 ..... Sensor Holder, Remote Calibration (Gray PVC)  
150-1467-70 ..... O-ring (Internal)  
330-0028-01 ..... Sensor Gasket  
  
821-0201-01 ..... Moisture Barrier  
  
330-0030-01 ..... TOD Gasket  
  
335-0003-01 ..... TOD Cell Plug (Use when no TOD Cell is present)  
  
7015960 ..... Fitting, Hose Barb 1/8 NPT x 1/4 Tube  
7017394 ..... Fitting, Quick Disconnect (Use the Quick Disconnect Fitting with Reactive Gases)

## **Installation & Transmitter Preparation**

- 1) Unscrew the Interface Ring on the Sensor Interface Assembly and remove Sensor Holder.
- 2) Remove the Sensor Shield or Rain Shield from the Sensor Holder and install in the Remote Calibration Sensor Holder Supplied with kit on top of the Moisture Barrier.
- 3) When TOD Cell is present, remove the TOD Cell Plug from the Remote Calibration Sensor Holder.
- 4) Select the Hose Barb, or the Quick Disconnect Fitting and Install in Bottom of Remote Calibration Sensor Holder.
- 5) Make certain the O-ring is properly seated inside the Sensor Holder.
- 6) Install the Sensor and TOD Cell if needed into the Interface Assembly.
- 7) Install the Sensor Holder by aligning the Dowel Pins with the Holes in the Holder.
- 8) Secure the Sensor Holder by tightening the Interface Ring.
- 9) For replacement of Moisture Barrier, see Instruction Sheet 360-0169-01

# **SENSIDYNE®**

Sensidyne, LP  
1000 112<sup>th</sup> Circle N, Suite 100  
St. Petersburg, Florida 33716 USA  
800-451-9444 • +1 727-530-3602 • +1 727-539-0550 [fax]  
web: [www.sensidyne.com](http://www.sensidyne.com) • e-mail: [info@sensidyne.com](mailto:info@sensidyne.com)