SENSAPHONE®
REMOTE MONITORING SOLUTIONS

SENSAPHONE INDOOR AIR QUALITY SENSOR • FGD-0066
Installation Instructions

The Sensaphone Indoor Air Quality sensor will allow you to monitor levels of pollution from 0-100% with any Sensaphone that will accept a 4-20 Input signal. The FGD-0066 will require a 24VDC power supply to operate (Part No: FGD-0070).

Note on wiring: Use 22AWG shielded wiring for all connections (Sensaphone Part No. FGD-0010) and do not locate the device wires in the same conduit with wiring used to supply inductive loads such as motors. Disconnect the power supply before making any connections to prevent electrical shock or equipment damage. Make all connections in accordance with national and local codes.

Described below is the correct way to wire your Indoor Air Quality Sensor to your Sensaphone.

1. Remove cover by turning the allen screw clockwise with the supplied wrench.

2. Verify the jumper on the sensor is in the "Current" 4-20mA position. (Refer to owner's manual if needed.)

3. Connect the 24VDC Power Supply Positive (+) to the terminal marked PWR.

4. Connect the 24VDC Power Supply Negative (-) to the Sensaphone Zone Negative (-)

5. Connect the Sensaphone Zone Negative (-) to the terminal marked COM.

6. Connect a wire from the LIN terminal to the Sensaphone Zone (+) positive terminal.

7. Replace Cover and turn allen screw counter clockwise until it is seated flush with the cover.

8. Program the Sensaphone zone (input) for a 4-20mA sensor type with a table range of 0-100%. Program alarm limits accordingly.