

# SENSAPHONE®

## REMOTE MONITORING SOLUTIONS

### SENSAPHONE OUTDOOR HUMIDITY TRANSMITTER • FGD-0052-DUCT Installation Instructions

The Sensaphone Outdoor Humidity Transmitter sensor will allow you to monitor Humidity from 0-100% with any Sensaphone that will accept a 4-20 Input signal. The FGD-0052-DUCT will require a 24VDC power supply to operate (Part No: FGD-0070) for any Sensaphone that does not provide 24VDC output power.

**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 Humidity Transmitter Sensor to your Sensaphone.

1. Follow your Sensaphone's owners manual to configure the input for a 4-20mA sensor.
2. Open the sensor cover by removing the two screws.
3. Connect the 24VDC Power Supply Positive (+) to the terminal marked "PWR".
4. Connect a wire to the "RH" terminal and run this to the Positive (+) numbered Input Zone on your Sensaphone.
5. Connect the 24VDC Power Supply Negative (-) to the Sensaphone Input Negative (-) terminal.
6. Replace cover and replace screws.

