

SENSAPHONE®

REMOTE MONITORING SOLUTIONS

SENSAPHONE SOIL MOISTURE SENSOR • FGD-0090
Installation Instructions

The Sensaphone Soil Moisture Sensor will allow you to monitor soil moisture from 0-100% with any Sensaphone that will accept a 4-20 Input signal. The FGD-0090 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 Soil Moisture Sensor to your Sensaphone.

1. Follow your Sensaphone's owners manual to configure the input for a 4-20mA sensor.
2. Connect the 24VDC Power Supply Positive (+) to the positive wire of the Soil Moisture Sensor.
3. Connect the sensor's negative wire to the Positive (+) numbered Input Zone on your Sensaphone.
4. Connect the 24VDC Power Supply Negative (-) to the Sensaphone Input Negative (-) terminal.

