EE1702 Dual Analog Sensor Transmitter
Installation Instructions - 05313B

1 Overview
The EE1702 transmits analog data from one or two external sensors.

1.1 Inovonics Wireless Contact Information
If you have any problems with this procedure, contact Inovonics Wireless technical services:
- E-mail: support@inovonics.com
- Phone: (800) 782-2709; (303) 939-9336
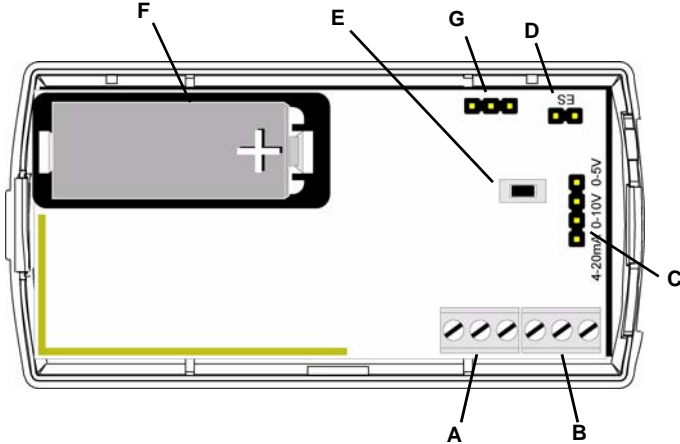
1.2 EE1702 Components

Figure 1 EE1702 Components

A First external sensor terminal block	B Second external sensor terminal block	C Sensor output selection pins
D ES selection pins	E Reset button	F Battery
G Programming header		

2 Installation and Startup

2.1 Install/Replace the Battery
1. Pry the top lip of the mounting bracket up, and lift the bracket off of the transmitter.
2. Use your thumb to depress the housing release tab on the bottom of the transmitter; separate the housing.
3. If replacing a battery, use the hole in the back of the housing to push the old battery out of the battery holder.
4. Install the new battery.
5. Press the **Reset** button to initialize the transmitter. If replacing a battery, the transmitter's most recent programming will be restored upon initialization.

2.2 Enable EchoStream Select
To meet ETSI requirements, Inovonics has developed a new line of EE 868MHz-only products. These new 868MHz-only products are compatible with older systems that include EchoStream select products. If you are using any ES products in your current system, you will need to enable EchoStream select compatibility on this new 868MHz-only product.
To enable/disable EchoStream select compatibility:
1. To enable compatibility with ES products, place a selection jumper on the ES selection pins.
2. If no ES products are used in your system, remove the selection jumper from the ES selection pins.

2.3 Attach the Analog Sensors and Select Output
To use the EE1702, you must connect the analog sensor(s) to one or both of the terminal blocks. To connect the analog sensors:
1. Place a selection jumper on the appropriate sensor output selection pins (Fig. 1C).
   - Place the jumper on the bottom two pins, to select a sensor output of 4-20mA.
   - Place the jumper on the middle two pins, to select a sensor range of 0-10V.
   - Place the jumper on the top two pins to select a sensor range of 0-5V.
2. Referring to Figure 2, use a small screwdriver to attach the external sensor(s) wiring leads to the appropriate terminal blocks.

The analog sensor cable length must not exceed one meter.

3. If the battery has been installed, press the **Reset** button to complete the procedure.

3 Program the Transmitter
EE1702 transmitters are programmed at the factory. It is not usually necessary to reprogram EE1702 series transmitters. If you want to reprogram the transmitter, parameters can be changed using the programming header.
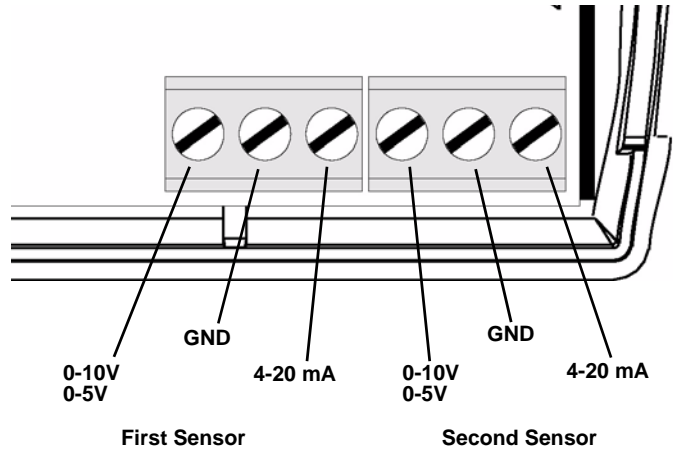

Figure 2 EE1702 External Sensor Wiring

4 Mount the Transmitter
1. Attach the mounting bracket to the wall, using either screws or double-sided tape.

There are two mounting holes for standard installation. An optional third mounting hole is located under the battery. Use the third mounting hole to secure the housing to the bracket.

2. Hook the bottom of the transmitter into the bracket's bottom catch, and press the transmitter into the bracket so that the bracket's top lip snaps into place.

5 Warranty/Disclaimer

Caution: Changes or modifications to this unit not expressly approved by Inovonics Wireless Corporation may void the installer's authority to operate the equipment as well as the product warranty.

Inovonics Wireless Corporation ("Inovonics") warrants its EchoStream products ("Product" or "Products") to conform to its own specifications and to be free of defects in materials and workmanship under normal use for a period of thirty-six (36) months from the date of manufacture. Within the warranty period, Inovonics will repair or replace, at its option, all or any part of the warranted Product. Inovonics will not be responsible for dismantling and/or reinstallation charges. To exercise the warranty, the User ("User", "Installer" or "Consumer") must work directly through their authorized distributor who will be given a Return Material Authorization ("RMA") number by Inovonics. Details of shipment will be arranged directly through the authorized distributor.
This warranty is void in cases of improper installation, misuse, failure to follow installation and operating instructions, alteration, accident or tampering, and repair by anyone other than Inovonics.
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This warranty will not be modified or extended. Inovonics does not authorize any person to act on its behalf to modify or extend this warranty.
This warranty will apply only to Inovonics Products. Inovonics will not be liable for any direct, incidental, or consequential damage or loss whatsoever, caused by the malfunction of Product due to products, accessories, or attachments of other manufacturers, including batteries, used in conjunction with Inovonics Products.

The CE Declaration of Conformity can be found here: www.inovonics.com//euro/pdf/declaration_conformity.pdf