



PSC903 pressure sensor Operation and Specification

Operation:

Press button once, sensor powers on into broadcast Mode.

- Green/Red light blinks.
- Sensor advertises for 2 minutes looking for a connection before sensor powers off automatically.

After sensor is connected with App, sensor will then blink solid green light every 5 seconds.

- Sensor starts transmission data to App after connection.

Sensor can be shut down by holding the sensor button for 3 seconds

- Sensor will flash red LED two times upon successful shutdown and power off.
- Sensor will flash green two times and return to the current state if the button is not held for a long enough period of time.

When sensor disconnects with iOS device unexpectedly under below events, sensor will go into broadcast mode for 2 minutes looking to reconnect.

- Turn off the Bluetooth radio for iOS device
- Force shut down app
- Take sensors out of range of iOS device
- Shut off iOS device

Application environment:

- The appliance intends to use into the equipment such as air conditioners and similar equipment
- Operating temperature (Media Temperature): -40C to 125C
- Operating temperature (Product environment): 0 to 75C performance

Install information:

Bluetooth Pressure Sensor

- The male thread will be installed into the female thread of the test equipment, see fig.1



fig.1

Battery specification

- Battery mode: ER14250
- Input voltage: 3.6V
- Install information: ER14250 Li-SOCI2 Primary Lithium Battery cell will be put into the battery box, the positive pin should match the polarity matched on the battery box, then assemble the battery box to the production (pillar to the groove). See fig.3, fig.4



fig.2



fig.3

Warranty:

This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

FCC STATEMENT :

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Warning: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.

- Increase the separation between the equipment and receiver.

- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

- Consult the dealer or an experienced radio/TV technician for help.

RF warning statement:

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.