Micro Door/Window Sensor Installation Sheet

Description

The Micro Door/Window Sensor is a supervised, wireless sensor that detects the opening and closing of doors, windows, or drawers. The sensor and magnet are mounted using double-sided adhesive tape or screws (included).

When activated, the sensor transmits an open (trip) or close (restore) signal to the panel. These are the signals the unit provides: supervisory, tamper and low battery (as needed).

The sensor is powered by a replaceable 3-VDC, lithium coin-cell battery.

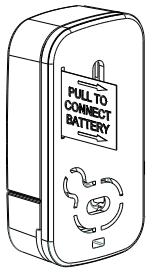
Installation guidelines

- Mounting the sensor on metal can reduce its transmitting range. Therefore, test the sensor from the desired location using the dealer sensor test, before permanently mounting it.
- Mount the sensor within 100 ft. of the panel.
- Mount the sensor on the frame, and the magnet on the door, window, or drawer. If mounting on double doors, mount the sensor on the least used door and the magnet on the other door.
- Mount sensors at least 5 inches above the floor to avoid damaging them.

Programming

The following steps describe the general guidelines for programming (learning) the sensor into panel memory. Refer to the specific panel's documentation for complete programming details.

1. Set the panel to the program mode.
2. Proceed to the LEARN SENSORS menu.
3. Select the appropriate sensor group and sensor number assignments.
4. When prompted by the panel to trip the sensor for learning, remove the battery pull tab or remove the sensor cover. The system should acknowledge learning the sensor by touchpad display and/or audio (depending on the panel).



5. Exit program mode.

Testing the sensor

1. Set the panel to the sensor test mode.
2. Take the sensor and magnet to the desired mounting location, making sure to line up their alignment marks with each other.
3. Trip the sensor by pulling the magnet away from the sensor.
4. Listen for the system siren beeps to determine the appropriate response and refer to the specific panel documentation.

Mounting the sensor

Mount the sensor after successful programming and testing are completed, using the supplied mounting screws for all UL installations. For non-UL installations, using the supplied double-sided tape is optional. **Note:** The gap between the sensor and magnet should be a maximum of 3/8".

Mounting screws (UL Installations)

1. Remove the sensor base from the sensor.
2. Place the sensor base in desired location and mount the base with the supplied screws. Attach the sensor to the base.

3. Mount the magnet into the desired location using the supplied screw and lock washer, making sure the alignment mark lines up with the sensor's.

Double-sided tape (optional for non-UL installations)

1. Before applying double-sided tape, ensure that the desired location is a smooth, clean and dry surface.

   Note: When applying the double-sided tape, evenly apply pressure to ensure a good surface contact.

2. Apply double-sided tape to the bottom of the sensor and the magnet. Mount the sensor and magnet at the desired locations, ensuring the alignment marks line up with each other.

3. Retest the sensor using the procedure in the section "Testing the Sensor".

For additional tamper security

1. Punch out the seal covering the screw hole on the sensor cover.

2. With the sensor base secured to the sensor, insert the smallest screw supplied, securing the sensor base to the sensor.

Replacing the battery

1. Remove the sensor from the base then remove the inner cover, exposing the battery.

2. Remove the bad battery and install the new battery. **NOTE:** Observe polarity of the battery.

3. Re-install the PC board, inner cover and the sensor.

Specifications

Model no.	TX-1012-01-1 (white) TX-1012-01-3 (brown)
RF frequency	319.5 MHz
Compatibility	Interlogix Learn Mode Panels and Receivers
Battery type	3-VDC, lithium coin-cell battery
UL Approved Battery	Duracell DL2032 Varta CR2032 Panasonic CR2032
Operating temperature range	32 to 120°F (0 to 49°C)
Storage temperature range	-30 to 140°F (-34 to 60°C)
Relative humidity	0-85% non-condensing
Dimensions (L x W x D)	1.9 x 1.0 x 0.50 in. (4.7 x 2.5 x 1.3 cm)

Regulatory information

Manufacturer	UTC Fire & Security Americas Corporation, Inc. 1275 Red Fox Rd., Arden Hills, MN 55112-6943, USA
FCC compliance	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. FCC ID: B4Z-983-UDWS IC: 1175C-983UDWS This Class B digital apparatus complies with Canadian ICES-003. Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.
UL	ANSI/UL 634 Connectors and Switches for Use with Burglar-Alarm Systems UL 1023 – Household Burglar-Alarm System Units.
ULC	C634-M1986 - Connectors and Switches for Use with Burglar-Alarm Systems

Contact information

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