

Figure 1: Door Installation

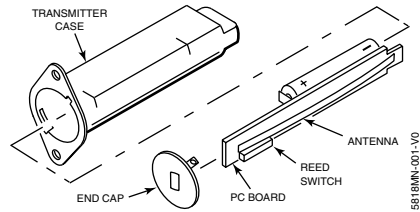


Figure 2: Battery/Transmitter Assembly

GENERAL INFORMATION

The 5818MNL Recessed Door Transmitter is a single-zone, reed switch magnetic contact sensor that provides concealed protection for a door. It is intended for use only with alarm systems that support 5800 series devices.

The transmitter is powered by one AAA Lithium (or alkaline) battery that is easily replaced when a low battery condition is indicated by the control panel.

PROGRAMMING

Each 5818MNL has its own unique identification code (serial number) permanently assigned during manufacture.

You must "enroll" the transmitter's serial number in the control panel before it will operate in the system.

Note: During programming of the control panel, 5818MNL transmitters must be enrolled as Input Type 3 (Supervised RF), Loop 1 (*mandatory for UL installations*).

INSTALLATION

Note: Do not use on metal frame doors.

Mounting

Before selecting the mounting location, please read the following:

- The preferred direction of mounting is vertical, although the 5818MNL may be mounted in *any* direction if satisfactory reception of its transmissions is obtained.
- A physical barrier (e.g., a molding strip on the door frame) should be present to protect against defeat of the contact from outside the premises.
- Make sure that no more than 1/2" gap exists between the faces of the transmitter and magnet cases when they are installed and set.
- Once installed, an alarm signal must be **obtained before a separation of 2" is reached** as the door is opened.

1. Select a location for the transmitter on the door frame (never on the hinged edge). **Caution:** Do not install in the door.
2. Select the location for the magnet on the door, directly opposite the transmitter location.
3. Tape the transmitter and magnet in their approximate locations (with battery installed and unit together as described in the BATTERY INSTALLATION / REPLACEMENT section below and conduct Go/No Go tests (refer to control panel's instructions) to verify adequate signal strength. Reorient or relocate transmitter if necessary.
4. Mark the selected locations.
5. **Drill holes** at the locations marked. The transmitter will require a 3/4" diameter hole in the edge of the frame, at least 3" deep. The magnet will require a 3/8" diameter hole in the edge of the door at least 1/2" deep.
6. **Insert the transmitter and magnet cases** into their respective holes, so that their ends are flush with the surface.
 - DO **NOT** hammer in place with hard blows. If necessary, tap *gently* with a rubber mallet or wood block.
 - The transmitter case **may be** secured by two #4 flat head, self-tapping screws via the holes in its mounting flanges, or the flanges can be snapped off by scoring around them first with a sharp knife.
 - If necessary, either case may be secured with a suitable adhesive.

NOTE: A closure plug is supplied to cover an empty transmitter hole if it becomes necessary to relocate the transmitter.

BATTERY INSTALLATION/REPLACEMENT

1. **Remove the transmitter's end cap** by inserting the flat blade of a screwdriver in the cap's slot and turning slightly counterclockwise.
2. **Slide the transmitter PCB assembly** out of its case, *taking care not to bend the antenna during this step or later.*
3. **Remove the old battery**, if replacing it.
4. **Observe correct polarity** and insert the fresh battery into the battery holder (position the battery as shown in Figure 2).
5. **Slide the PCB assembly** back into its case, battery end first (*the reed switch end must be close to the end cap*).
6. **Replace the end cap.** Line up the projections on the cap with the openings at the edge of the case. Press the cap gently against the PCB and turn the cap (via its slot) slightly clockwise, thereby locking it in place.

SPECIFICATIONS

Dimensions: 3.0" H x 0.66" W x 0.8" D
(76.2mm) x (14.0mm) x (20.3mm)
Gap (xmtr to magnet):0.5" (12.7mm) max
Operating temperature: .0 - 50° C, non-condensing

Battery: 1.5VDC, AAA Lithium
(Energizer L92) or AAA
Alkaline (Duracell MX2400,
Panasonic AM-4PI, Eveready
Energizer EN92)

BATTERY CAUTION: Risk of fire, explosion and burns. Do not recharge, disassemble, heat above 212° F (100° C) or incinerate. Dispose of used batteries properly. Keep away from children.

FCC STATEMENT

This device complies with Part 15 of the FCC Rules, RSS210 of IC. 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.
Unauthorized changes or modifications could void the user's authority to operate the equipment.

Note: For UL certified installations, this product is Listed for Residential use only.

For the latest warranty information, please go to:
<http://www.security.honeywell.com/hsc/resources/wa/index.html>

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K9485V1 10/05 Rev. B