



**EL-820R**

## Features

**EL-820R Roller Shutter Sensor (Floor Mount)** offers high grade magnet & provides adjustable bracket for installation.

- Universal magnet for flexible mounting
- Optional L bracket
- Cast aluminum casing for harsh environments
- Suitable for most security system

## Specification

- 16" armored cable
- Standard Gap 3" for Closed loop

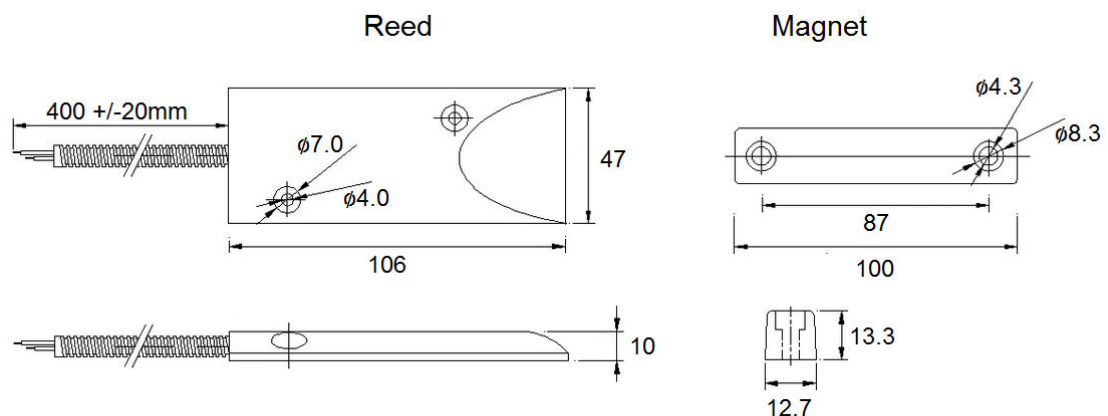


Wide Gap  
Closed Loop

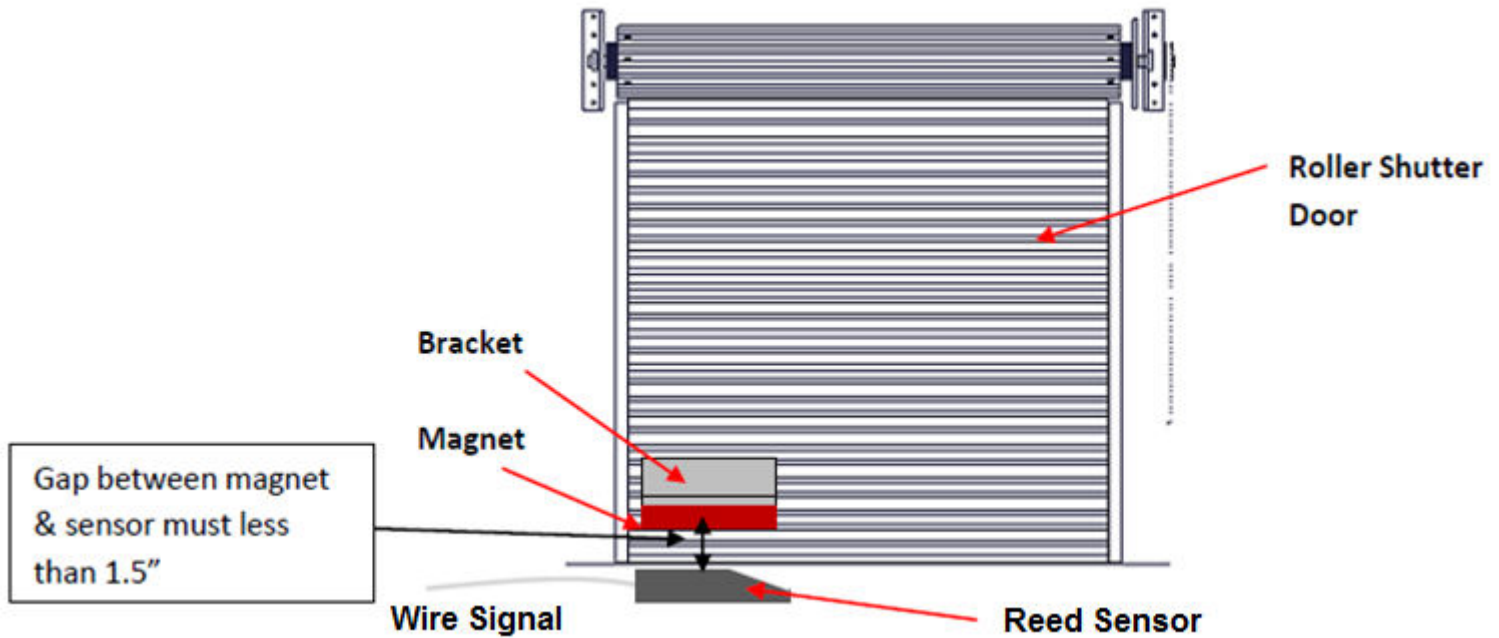
- Standard Gap 2 1/2" for Open loop
- Maximum Contact Rating :- 100VDC 0.5A 10W
- IP Rating : IP65
- Dimension :-

Magnet : 100(L) x 12.7(D) x 13.3(H)

Reed : 106(L) x 47(D) x 10(H)



## Installation:



1. Mount the reed sensor on the ground, do not connect wire signal to alarm system
2. Mount the bracket with magnet to the roller shutter door, make sure the gap between magnet and the reed sensor is not too far, advice is less than 1.5 inch gap.
3. After installation complete, close the shutter door and check the reed sensor signal to confirm is a close contact. Then open the shutter door and check the reed sensor signal to confirm is open contact.
4. Connect wire signal to alarm system accordingly.

The floor mount roller shutter sensor is an intrusion detector used to detect the roller shutter door and that break in by theft. It composed of a reed sensor (switch) and a magnet. Normally when shutter door is closed, the reed sensor switch will close contact due to magnet field effect, this form a close loop circuit to alarm system. When the shutter door opened illegally, the magnet is away from the reed switch and the switch contact is opened, which trigger an alarm.