



## 5150 SERIES GLASSBREAK SHOCK SENSOR

### On-the-Glass Sensor

Model number: 5150, 5150C



- New low profile design
- Up to 10' (3 m) range on a single pane of glass
- Easy to use, field-proven 3M® adhesive mounting
- Detects all types of glass without adjustment
- Ideal for 24-hour loop protection

The **5150 Series Shock Sensor** is a new line of glassbreak sensors with improved aesthetics. Its clean design makes the detector one of the most low profile sensors in the industry. Advanced piezo transducer technology powers the sensor, so no power is needed from the loop. Instead, the piezo generates its own electricity when it bends as the glass breaks. Bending of the transducer must occur for the sensor to go into alarm providing excellent false alarm immunity.

Specially formulated 3M® tape holds the shock sensor on the glass. The tape, which sets up quickly, has been field-tested for proven reliability. The sensor can be repositioned during the first five minutes of installation.

For up to 10' (3 m) of protection on a single pane of glass, the 5150 is ideal for small glass rooms, next to kitchen sinks, in high noise areas, in occupied factory and office environments, and in retrofit installations where only 2-wire protection is practical. The 5150 offers 24-hour perimeter detection and its on-the-glass mounting is a visual deterrent.

continued

# Sentrol 5150 Series Shock Sensor

## Specifications:

### Electrical

Power consumption ..... Self-generating on alarm  
Resistance  
Normal ..... 14 ohms (24 ohms maximum)  
Alarm (open) ..... 1 MegOhm minimum  
Maximum loop rating ..... 10 V DC, 15 mA  
Loop configuration ..... Closed loop  
Output ..... Open 1 to 10 seconds on alarm

### Environmental

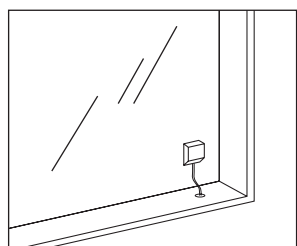
Lightning suppression ..... 400 W for 1 msec pulse  
Operating temperatures ..... 0°F to 120°F  
(-18°C to +50°C)

### Features

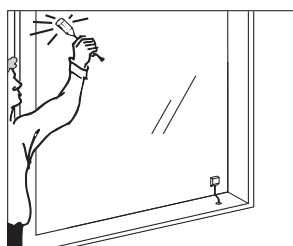
Housing material ..... Flame retardant ABS plastic  
Sensitivity setting ..... Factory set  
Range ..... 10' (3 m)\*  
Glass types detected  
Plate glass ..... Up to 1/4" (.64 cm)  
Tempered glass ..... Up to 1/4" (.64 cm)  
Wired glass ..... Up to 1/4" (.64 cm)  
Laminated glass ..... Up to 1/4" (.64 cm)  
Mounting location ..... Corner mounted on glass  
Mounting method ..... High bonding acrylic tape  
Dimensions ..... 1.25" (3.2 cm) L  
1.25" (3.2 cm) W  
0.37" (0.74 cm) H  
Color ..... Mahogany brown, White

\*Less range on laminated glass

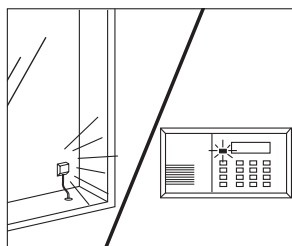
## Reliable Range Verification Testing



Mount the sensor on the glass  
1" (2.5 cm) in from the corner.



Strike far opposite corner of  
glass with screwdriver handle.

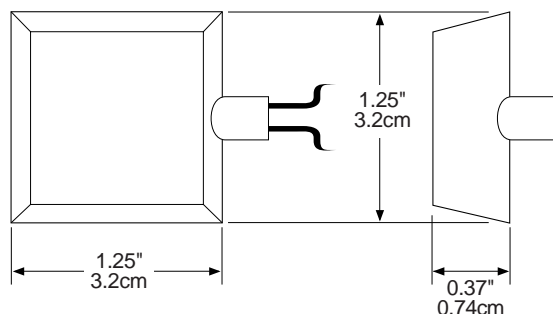


Sensor trips at panel or keypad  
verifying range for entire glass  
area.



Walk away with confidence.

## Dimensions



## Ordering Information

Description	Model Number	Color
Corner mount shock sensor, (up to 10') range, two wire, adhesive mount	5150-M	Mahogany brown
Corner mount shock sensor, (up to 10') range, two wire, adhesive mount	5150-W	White
Corner mount shock sensor, (up to 10') range, two wire, 3' (0.91 m) coil cord for doors and windows	5150C-M	Mahogany brown
Corner mount shock sensor, (up to 10') range, two wire, 3' (0.91 m) coil cord for doors and windows	5150C-W	White



SENTROL

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