



## 5812NT SERIES ACOUSTIC GLASSBREAK SENSOR

### ShatterPro™ 3

Model numbers:  
5812NT, R5812NT, 5815NT, R5815NT

- **25 percent better false alarm immunity than industry leaders\***
- **Adjustable to room size**
- **All-new, easy-access design**
- **End-user can test sensor operation with a clap of the hands**
- **Alarm Memory**

\*Wyle Labs Glassbreak Testing, May 2000

The Sentrol 5812NT Series ShatterPro™ 3 is the latest breakthrough in Sentrol's advanced series of acoustic glassbreak sensors. In independent lab tests, Sentrol's ShatterPro 3 provides 25 percent better false-alarm immunity than industry-leading glassbreak sensors. The coverage pattern can be easily adjusted to fit small or large rooms. Interference outside the range will not cause false alarms.

The ShatterPro 3 detects in a full 360°-coverage pattern, with a maximum 25' (7.5m) radius from sensor to glass.

Using Sentrol's patented Pattern Recognition Technology, the sensor listens for actual patterns of breaking glass while eliminating most false alarm patterns. ShatterPro 3 listens across the glassbreak frequency spectrum for greater false alarm immunity.

Available with a round or rectangular housing, ShatterPro 3 can be tested without opening the sensor by activating the Sentrol hand-held glassbreak tester at close range. A simple hand clap feature lets end-users confirm at any time that the ShatterPro 3 is operational.

# Sentrol 5812NT Series ShatterPro™ 3

## Specifications:

### Electrical

Input voltage ..... 9 to 16VDC  
 Current:  
     Typical ..... 15mA  
     Maximum ..... 25mA  
 Electrical configuration ..... Form A, Form C  
 Field wiring size ..... 18 AWG  
 Relay rating ..... 16V, 50mA max.  
 Detection range ..... 3'-25' (0.9 m-7.6 m) x 360°  
 Alarm response ..... 4 sec.

### Features

Minimum glass size ..... 12" x 24" (30.5 cm x 61 cm)  
 Recommended glass thickness:  
     Plate ..... 3/32"-1/4" (2.4 mm-6.4 mm)  
     Tempered ..... 1/8"-1/4" (3.2 mm-6.4 mm)  
     Wired ..... 1/4" (6.4 mm)  
     Laminated ..... 1/8"-1/4" (3.2 mm-6.4 mm)

### Environmental

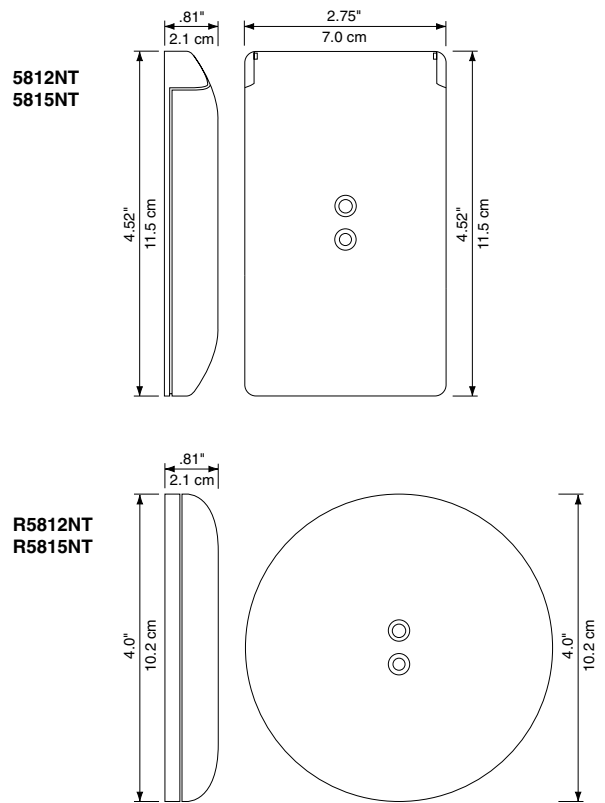
Operating temperature ..... 32°-122°F (0°-50°C)  
 Relative humidity ..... 10-90% non-condensing

### Dimensions

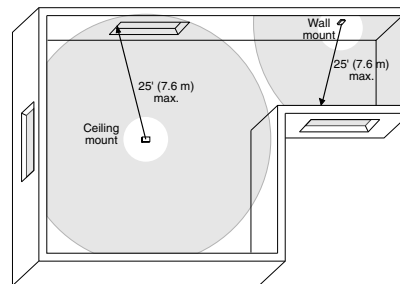
Round housing  
     Depth ..... 0.81" (2.1 cm)  
     Diameter ..... 4.0" (10.2 cm)  
 Rectangle housing  
     Depth ..... 0.81" (2.1 cm)  
     Width ..... 2.75" (7.0 cm)  
     Height ..... 4.52" (11.5 cm)  
 Color ..... white

Listings ..... UL, C-UL

## Dimensions



## Mounting Location



## Ordering Information

Model Number	Description	Color
5812NT	ShatterPro 3 with rectangular housing, Form A	White
R5812NT	ShatterPro 3 with round housing, Form A	White
5815NT	ShatterPro 3 with rectangular housing, Form C, tamper switch	White
R5815NT	ShatterPro 3 with round housing, Form C, tamper switch	White
Accessories		
5709C	Glassbreak hand-held tester	White



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