



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

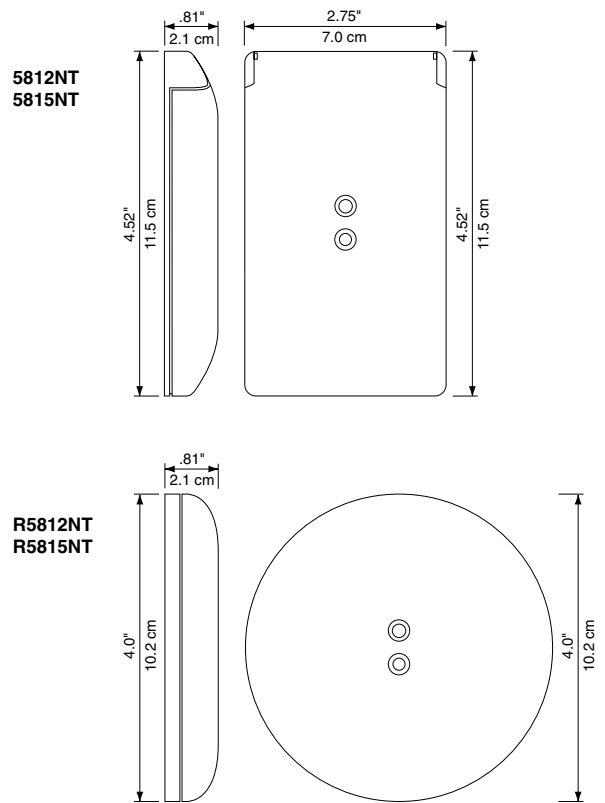
Operating temperature 32°-122°F (0°-50°C)
 Relative humidity 10-90% non-condensing

Dimensions

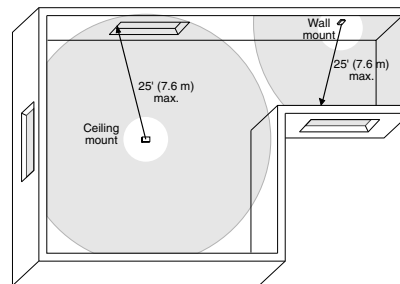
Round housing
 Depth 0.81" (2.1 cm)
 Diameter 4.0" (10.2 cm)
 Rectangle housing
 Depth 0.81" (2.1 cm)
 Width 2.75" (7.0 cm)
 Height 4.52" (11.5 cm)
 Color white

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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