SENTROL

PRODUCT INFORMATION BULLETIN



5812A SERIES ACOUSTIC GLASSBREAK SENSOR

ShatterPro™II

Model numbers: 5812A-W, 5815A-W, SPRES

- Designed for quiet occupied areas on the perimeter loop
- End-user can test sensor operation with a clap of the hands
- Listens across the glassbreak frequency spectrum for greater false alarm immunity
- Consistent detection even of soft, quiet glass breaks
- Detects through blinds and light drapes

The Sentrol 5812A Series ShatterPro™II acoustic glassbreak sensor provides great false alarm immunity, fast installation testing, and a hand-clap feature that lets end-users confirm the sensor's operational status.

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

A new test feature makes installation faster by eliminating the test mode jumper. The ShatterPro™ II is tested by activating the Sentrol hand-held glassbreak tester at close range. Opening the sensor is unnecessary.

A simple hand-clap feature lets end-users confirm at any time that the Shatter $Pro^{\mathbb{T}}$ II is operational. The sensor will blink twice but will not trip when a hand clap is made close to the unit.

The ShatterPro[™] II detects in a full 360° coverage pattern, with a 25' (7.5 m) radius from sensor to glass. The ShatterPro[™] II is suitable for use in quiet occupied areas on the perimeter loop.

Sentrol 5810A Series ShatterPro™ II

Specifications:

Electrical	
Operational voltage	9 to 16 V DC
Current draw	12 mA typical; 25 mA max.
Relay output Normally clos	ed, open 4 seconds on alarm
On resistance	5 to 15 Ohms
Off resistance	20 MOhms
Maximum loop rating	

Environmental

Lightning suppression	400 watts for 1 msec pulse
Operating temperature	0° F to 120° F (- 18° C to $+50^{\circ}$ C)
RFI immunity	20 V/meter from 1 to 1000MHz

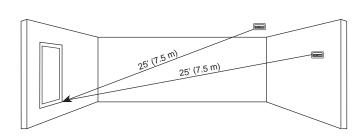
Features

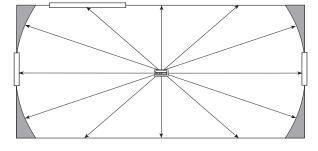
Housing material	Flame retardant ABS plastic
Microphone	Omni-directional 360° electret
Sensitivity setting	Factory set
Range	25' (7.5 m) measured to the
	farthest point on all glass
	25' (7.5 m) on the opposite wall

Glass types detected

Glass types detected	
Plate glass	
Tempered glass	
Wired glass	Up to ½" (6.4 mm)
Laminated glass	
Mounting location	Ceiling or any wall
Minimum distance from glass	3.3' (1 m)
Dimensions	1.75" (4.5 cm) H
	3.25" (8.3 cm) W
	0.88" (2.3 cm) D
Color	

Mounting Location Range

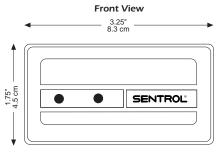


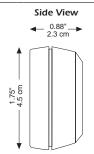


Range measured to the farthest glass

360° coverage

Dimensions





Ordering Information

Description	Model Number	Color	Listing
ShatterPro II, tamper, latch or non-latch LED	5812A-W	White	UL
ShatterPro II, tamper, Form C, latch or non-latch LED	5815A-W	White	ULC
Hand-held Tester	5709C-W	White	
ShatterPro Residential	SPRES	White	



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