Detection Range (*)

11.5 ft.	8 ft.	13 ft.	5 ft.	11.5 ft.	10 ft.	8 ft.	Radius
Glass	Gyproc	Plywood	Concrete	Wood	Steel	Brick Wall	Surface

In some environments, attenuation may be very high. (*) All values quoted are typical and are subject to practical testing which must be made for each installation.

Technical Specifications	Shockgard 1
Supply Voltage	9-15 Volt DC, Regulated
Current Consumption Quiescent	15mA Maximum
Current Consumption Alarm	16mA Maximum Flashing LED 27mA
Temperature Limit	- 4°F to +140°F (-20°C to +60°C)
Relative Humidity at 30°C	0-90%
Sensitivity Setting	Dual Stage Potentiometer
Latching/Non Latching	1st + Subsequent or Any + 6 Wire
Indicator	Two Color LED
Dimensions	23 x 25 x 86 mm
Relay Contact Rating	150mA 24V Resistive 10 Ohm 1/4 Watt
Time Relay Open in Alarm	1 Second Minimum
Pulse Count	2, 4 or 6
Max No. of units on any Latch	80
Max. No of units on 1st to Latch	10
This product is suitable for use in syst	ems designed to comply with EN50131-1 and

PD6662:2004 at grade 3 and environmental class 2.



SHOCKGARD 1 INSTALLATION INSTRUCTIONS

DESCRIPTION

advanced microchip technology to provide reliable effective false alarm resistant protection. The Shockgard 1 electronic shock sensor has been designed utilizing the most

mation provides the installer with every aspect he requires for this type of detector broad band of sensitivity control. Selectable pulse count and dual color LED inforindication and subsequent to alarm latch information. Other features include automatic relay reset and dual stage linear sensitivity adjustment by selection offering a The SG-1 offers a wide range of features including remote LED reset, first to latch

provided by a LED situated on the front cover. energized to give fail safe operation in the event of a power loss. Indication is opening for a minimum of 1 second on detection of an alarm. This relay is normally Alarm output is provided by a pair of non-latching, normally closed relay contacts,

On board circuitry allows for the selection of momentary or latching indication. An automatic LED inhibit feature is also included. Latch enable and reset may be remotely controlled by standard control panel signals.

the cover. Moisture repelling rubber grommets are provided with the Shockgard 1. The unit is fully protected from tampering by a N.C. switch operated by removal of



Terminals

- + 12V power connection, reverse polarity protected.
- N.C. Alarm output contacts, with 10 ohm resistor in series

- A/T N.C. Anti-tamper contacts
- control equipment signal Connection for +12V remote latch control signal, usually SET+ or SW+

nect using a 6 core cable. If the latch feature is being used an additional core When using the sensor in momentary mode, it will usually be necessary to con-

11. Replace the cover of the sensor, tighten the fixing screw and check its response to the desired impact. desired impact.