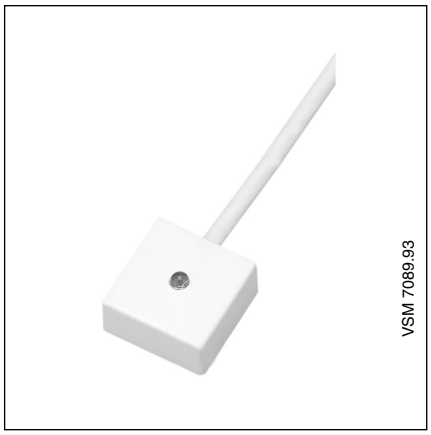
Glass Break Sensor
SPGS/❑, GH V922 0004 V00❑❑



Application
The electronic glass break sensor is used to monitor the glass surfaces of windows and doors. The passive glass break sensor must be mounted on double glazing windows out of reach.

Function
The piezoelectric microphone registers the typical vibrations that are caused by forcible damage to a pane of glass.

Design
The monitoring sensor and the electronic evaluation unit are encased in a plastic housing together with the connection cable and sealed with moulding resin for protection against climatic influences. Since the 4 cores of the connection cable are identical in colour, the detector is tamper-proof.

The detector contains an alarm indicator.

Technical Data

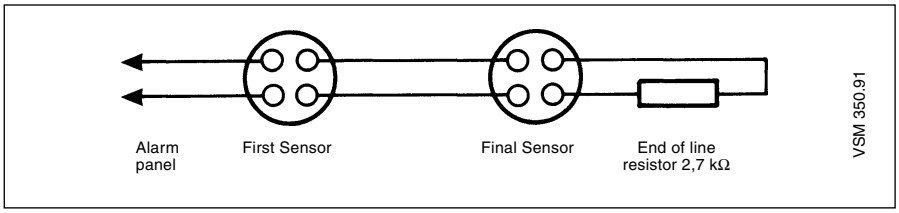
Operational voltage	on connection to a zone input	4 … 15 V
Power consumption	Standby	max. 1 µA
	Alarm	max. 5 mA
Dimensions (H x W x D)	18 x 18 x 9 mm	
Cable length	5 m	
Effective radius	max. 2 m for a pane of glass measuring 2 …. 15 mm thick	
Ambient temperature	– 20°C to +50°C	
Environmental class	II	

13

Wiring diagram

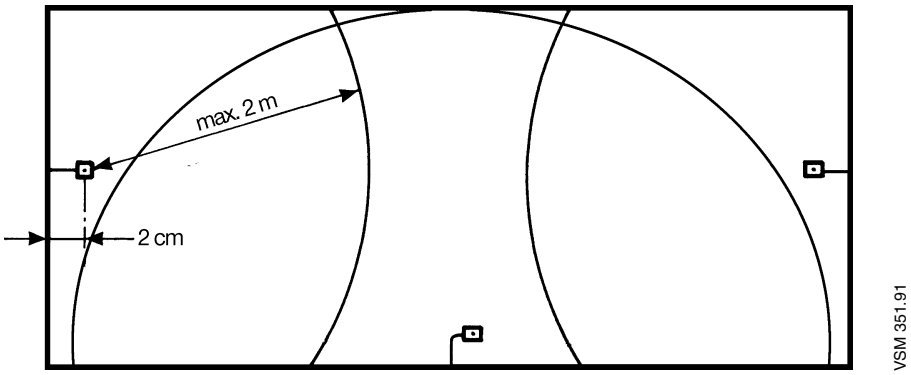
2 adjacent cores are routed to the alarm panel zone or circuit and the two remaining core are led to the next detector. A maximum of 10 glass break sensors can be installed in an intrusion circuit.

The EOL resistor is soldered behind the last sensor.



Installation example

Monitoring a pane of glass from a display window measuring 4.5 x 2 m



Ordering information

Type	Colour	Product code
SPGS/W	white	GH V922 0004 V0003
SPGS/B	brown	GH V922 0004 V0010
VdS-No. G 194512 4		

13