



Slopeguard II Displacement Monitor Model 6710-GS-SG2

FEATURES

- LCD display
- 7 Input Channels
- 150 mm Range
- Different alarm conditions can be set for each channel
- Low Battery alarm
- Negligible current drain

APPLICATIONS

The Slopeguard II Displacement Monitor are typically used for slope stability monitoring with early warning alarm (siren, flashing lights, radio, etc) when excessive movements are detected.

General

The Geosystems Slopeguard II Displacement Monitor Model 6710-SG2 can accept up to seven inputs, and features independent alarm settings for each channel. Channels are selected using a rotary switch, and displacements and alarm settings viewed on a digital display. When any preset displacement is exceeded, the channel involved is indicated by a light on the front panel, and the alarm activated. Low battery conditions will also activate the alarm. In normal opera-



tion, the Slopeguard system is only powered during scanning, resulting in low current drain.

Operation

Alarm conditions are set for each channel in turn using a small screw driver, whilst viewing the digital display. With the monitor in 'SYSTEM ON' mode, the system will power up at 10-15 minute intervals. When the voltage stabilises, the low voltage detector checks the state of the battery and activates the alarm if a low voltage condition exists. The Slopeguard II then checks the displacements of all attached transducers. If any reading exceeds the preset alarm value, then the monitor remains powered up and the alarm will be activated. The channel in alarm condition will be indicated by a red 'LED' on the front panel. The alarm can be cancelled, but the LED will remain illuminated until new alarm values are set.

Specifications

Dimensions	225 x 150 x 75mm
Weight	1 kg
Temp. (operating)	0-50°C
Display Height	12.5 mm (3½ digits)
Power (external)	12V DC
Current drain (average)	<1 mA
Range - (displacement)	1-150 mm
Range (alarm setting)	>199 mm
Resolution	<0.1 mm

Accessories

- Enclosure (steel, stainless steel, fibreglass, plastic, etc)
- Remote Station (stand, mast, brackets, battery box)
- Alarm Unit (flashing lights, siren)
- Solar Panel
- Visual alarm (mechanical)

Due to on-going design improvements and reviews, we reserve the right to amend product and specifications without prior notice



FOR FURTHER INFORMATION

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