



Flexiguard™ Closed Loop System

FLEXIGUARD

The Flexiguard Closed Loop System is a unique Perimeter Intrusion Detection System that is capable of still providing detection even if the sensor cable is cut.

The analyser uses Bi-directional Signal Processing Technology to give the highest level of security ever achieved using a sensor cable system.

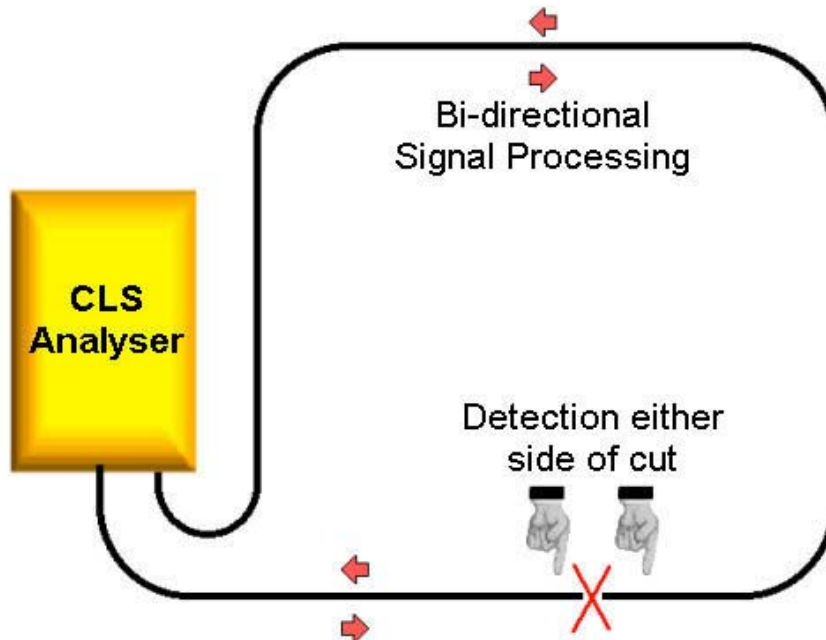
The Flexiguard Sensor Cable is installed at a low level and a high level on the fence to form a loop.



Up until the development of the Flexiguard CLS, a sensor cable system that had its sensor cable cut would give a tamper alarm but all detection capabilities would be lost, making that zone unuseable until the cable was repaired.

With the Flexiguard CLS, if the sensor cable is cut, the analyser tamper detection circuit generates an alarm but the detection capabilities of the system are not lost.

The Flexiguard Sensor cable remains active and able to detect right up to either side of the cut. The system does not lose any of its ability to detect intruders. The system remains 100% active, 100% of the time.



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FEATURES

- Closed Loop System
- Bi-directional Signal Processing
- Digital Controls
- Ultra-bright LED test indicators
- Separate processing and controls for cut and climb detection
- Automatic Environmental Control (A.E.C.)

SPECIFICATION

Sensor Cable Inputs	2 Closed loop
Internal Controls	Cut Sensitivity
	Climb Sensitivity
	Cut Count
	Climb Count
	Cut Time Window
	Climb Time Window
	Processing Response Switch
	Gain Switch x 2
Test Indicators	Alarm Activated x 2
	Impulse Detected x 2
	Time Window x 2
	Sensor Cable Short Circuit (tamper)
	Sensor Cable Open Circuit (tamper)
	A.E.C. operating
Power Input	15 to 24 VDC
Current Consumption	20 mA
Audio Output Level	1V p-p
Audio Output Impedance	600 ohm
Alarm Output	Normally Closed Dry Contact
Tamper Output	Normally Closed Dry Contact
Temperature Range	-30 to + 75 °C
Size	220 x 120 x 80 mm
Environmental Protection	IP66 to BS5420