

# **FLEXIGUARD**

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# **FIBRE OPTICS**

## **FLEXIGUARD**

Very easy to joint using inexpensive jointing box with screw terminals

Very low false alarms because cable is solid and has no moving parts.

Advanced electronic analyser has pulse counter and test facilities as standard.

Cable very safe.  
Can be used in explosive, chemical and gas areas.

All EMI electronics mounted in screened metal boxes.

Low current operation. Analyser can be a long way away from control unit.

Sensor very flexible.  
Can be tied in knots without damage.

Audio listen-in facility for alarm verification.

## **FIBRE OPTICS**

Very difficult to join.  
Special jointing tools and microscope required.  
Fibres are thinner than a human hair and are very easy to break.

Fibre optic cable has two loose fibres in an outer sheath.  
If cable moves in the wind false alarms are generated.

Need to buy pulse counter and test unit as an extra.

Danger of damaging your eyes if you look into the fibre when it is switched on.

No EMI screening. Polyester box.

High current operation. Have to use large diameter control cables to go any distance.

Cable brittle and fibres break if cable is bent.

No audio output.