

Flexi-Pad Sensor



The Flexi-Pad Sensors have been specifically designed for laying in narrow voids (too small for point sensors) or wrapped around pipes at valves or joints where leaks are more likely to occur. The Flexi-Pad Sensor can be used singly, or in groups with a number of sensors being connected together to form one zone.

A removable fabric cover assists absorption and protects the sensing surfaces. Flexi-Pad Sensors can be wetted and dried any number of times provided the sensor element/fabric cover is not contaminated with a substance that irrevocably changes its electrical characteristics. Examples may be vending machine syrup, chemical floor treatments, paints etc. After wetting, the cover can be replaced with a spare or removed for drying.

● Applications

Wrapped round pipes
Placed in drip trays under plant or equipment

● Detection

Activates with any conductive liquid. Once dry can be returned to use

● Construction

Tough, flexible plastic sheet with bonded "carbon loaded" detection tracks. Complete with removable fabric cover.

● Dimensions

Sensor 400mm x 300mm x 1mm (16mm at connection point)
Envelope 430mm x 350mm x 1mm

● Fixing

Lay loose, pin/glue at corners or tie-wrap loosely around pipe

● Leader cable

Standard PVC/PVC 7/0.2 multi-core alarm/comms type cable or similar. LSF or other light cables can be substituted as required.
10m pre-fitted unless otherwise specified.

● Bespoke Designs:

ANDEL Ltd can offer a custom design service. The Flexi-Pad Sensor's size, shape and base material can be tailored to the client's individual requirements.

Typical clients for this service are clean room equipment manufacturers and process equipment manufacturers.