Floodline DP01 Pipe-in-Pipe Liquid Sensor

Andel worked together with Durapipe, one of the world's largest double containment pipework manufacturers to develop the Andel - Floodline DP01 Pipe-in-Pipe Sensor for use in pipe-in-pipe systems, double contained tanks and other projects where interstitial monitoring is required.

Applications

The Andel - Floodline DP01 Pipe-in-Pipe Sensor is designed for use either as a stand-alone leak detection system which can be connected directly to a standard monitoring system OR can be interfaced either singly or in multiples with one of Andel's range of Floodline leak detection control panels.

Detection

The sensor uses infra-red to detect the presence of any liquid touching the sensor dome. When liquid is detected the relay within the local control unit will turn off and this is detected by either a monitoring system or a Floodline panel. The relay will also turn off if the sensor should become disconnected or if the power should fail.

The Sensor consists of two components; the sensor head and the control box.

The control box is the interface between either a central Floodline alarm panel or other monitoring system capable of monitoring volt-free contacts.

The sensor head is encapsulated and supplied in either a ½" or 1" BSP male threaded socket for fitting into the outer pipe at the lowest point or within a specially fitted 'catchpot'. The sensor is then connected to the local control box. Both the sensor and the control box are IP65 rated.

Function:
Water/Oil leak detection. Can be used with most liquids, call for confirmation.

Control construction:
IP65 rated polycarbonate enclosure in light grey (RAL 7035)

Control dimensions:
L120 x W80 x D55 mm

Control fixing:
Screw holes in enclosure back

Sensor construction:
IP65 rated, encapsulated uPVC in a mid/dark grey

Sensor Cable:
2m length

Sensor fixing:
Standard fitting ½" or 1" BSP male thread (please specify when ordering)

Power:

Supply Voltage:	9-30 Vdc
Supply current:	18mA (standby)
	7mA (when in alarm)

FM 512048
ISO 9001:2008

E&OE 11r01