

## Floodline Multi-8r2 8 Zone Detection Cable

Low Smoke, Zero Halogen, Flame Retardent



The unique "Multi-Zone" construction of the Multi-8r2 - 8 Zone water sensitive cable allows up to eight separately reporting detection zones to be provided from one length of cable. Building on the success of our original Multi-8 cable, this revised version complies with more stringent fire, smoke and halogen tests.

The zone changeover points along the cable are provided by either traditional Floodline 8-zone junction boxes or the Plug And Play system. The zones can be any length but the usual length is between 5 and 15metres.

The sensor can be wetted and dried any number of times provided the cable is not contaminated with a substance that permanently changes its electrical characteristics. If the contamination is soluble then the cable can be removed, washed (clean water only), dried and returned to use subject to the level of contamination.

### Standards tested and met:

#### EN 50267-1:1998

Common test methods for cables under fire conditions - Tests on gases evolved during combustion of materials from cables - Part 1.

#### EN 50267-2-2:1998

Common test methods for cables under fire conditions - Tests on gases evolved during combustion of materials from cables - Part 2-2.

#### EN 61034-1:2005

Measurement of smoke density of cables burning under defined conditions - Part 1.

#### EN 61034-2:2005

Measurement of smoke density of cables burning under defined conditions - Part 2.

#### EN 60332-1-1:2004

Tests on electric and optical fibre cables under fire conditions - Part 1-1: Test for vertical flame propagation for a single insulated wire or cable.

#### EN 60332-1-2:2004

Tests on electric and optical fibre cables under fire conditions - Part 1-2: Test for vertical flame propagation for a single insulated wire or cable - Procedure for 1 kW pre-mixed flame.

### Applications:

Below raised floors  
Above suspended ceilings  
Run in drip trays  
Laid around the base of plant, apparatus or tank  
Laid in loops or wave pattern for general monitoring of larger areas  
Attached to pipework within lagging

### Detection:

Activates with any conductive liquid anywhere along the entire length of the detection cable. Once dry can be returned to use

### Construction:

A tough, all polymeric, low smoke and fume, zero halogen construction

### Dimensions:

5mm Diameter

### Fixing:

For fixing to floor or other surface, use standard 6mm tower clips, self-adhesive clips or tie-wraps. Detection cable is laid loosely with special Caution Tags attached at regular intervals to identify zone.

