

## Product Data Sheet: FireRay EExd Infrared Beam Detectors



### Description

The FireRay EExd is the most recent addition to our Intrinsically Safe and Hazardous Area range. The product, a flameproof infrared optical beam smoke detector, is ideally suited to the protection of large areas with potentially explosive atmospheres, against smoking fires. It comprises of an infrared transmitter and a receiver, both of which are ATEX certified for use in Group 2, hazardous areas.

The product is designed for large enclosure within oilrigs, refineries, ordnance stores or similar premises. It provides an early warning of smouldering or strongly smoke-generative fires, which may not be picked up by flame detectors installed in many hazardous areas.

Together with a battery power supply, the FireRay EExd can be connected to a zone of a conventional fire alarm control panel or interfaced to an analogue-addressable system via an addressable input module or a zone monitor module.

It has three selectable alarm threshold settings of 25%, 35% and 50% which can be selected to suit the environment; if the received infrared signal reduces to below the selected threshold and is present for approximately 10 seconds the fire relay is activated.

### Technical Information

<b>Part Number:</b>	<b>FireRay EExd</b>
Operating Range:	10 - 100 metres
Voltage Range:	11.5Vdc - 28Vdc
Current Consumption @ 24V:	<8mA (quiescent) and <16.5mA (alarm)
Operating Temperature Range:	-20°C to 50°C
Protection:	IP50
Finish:	White

### Dimensions

