



Orbis I.S. Optical Smoke Detector

Product code: ORB-OP-52027-APO



The Orbis I.S. Optical Smoke Detector operates on the well established light scatter principle. The remarkable optical design of the Orbis I.S. optical smoke detector allows it to respond to a wide spectrum of fires.

The sensing chamber of the Orbis I.S. Optical Smoke Detector contains an optical sensor which measures back-scattered light. Sensitivity to black smoke is greatly improved.

The detector is calibrated so that it is highly reliable in detecting fires but is much less likely to generate false alarms than ionisation smoke detectors.

The stability of the detector - high reliability, low false alarm rate - is further increased by the use of algorithms to decide when the detector should change to the alarm state. This removes likelihood of a detector producing an alarm as a result of smoke from smoking materials or from another non-fire source.

The sensing chamber has been designed to keep out dust and other airborne contaminants.

Orbis I.S. A1R Heat Detector

Product code: ORB-HT-51145-APO



The Orbis IS Heat Detector monitors temperature by using a single thermistor network which provides a voltage output proportional to the external air temperature. The Orbis IS range incorporates seven heat detector classes to suit a wide range of operating conditions.

Orbis I.S. Timesaver Base

Product code: ORB-MB-50018-APO



The Orbis IS TimeSaver® Base provides installers with an open working area with fixing holes shaped to allow a simple mounting procedure.

I.S. Manual Call Point

Product Code: MCP1A-R470SG-01IS



The Conventional IS Manual Call Point has been designed to operate on conventional intrinsically safe fire detection systems. Designed specifically for use in atmospheres in which explosive mixtures are or may be present, certain design considerations must be observed. Full information on this to be found in PP1095. The Manual Call Point is available in two versions, indoor and outdoor in either red or yellow.

I.S. Conventional Sounder

Product code: 29600-379



The I.S. Conventional Sounder and Conventional Sounder Visual Indicator are suitable for intrinsically safe signalling applications including fire, security and process control. The Conventional I.S. Sounder is also available for Group I mining.

I.S. Conventional Sounder Visual Indicator

Product code: 29600-446



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