FORMOSA FIRE & SECURITY SYSTEM

Optical Smoke Detector, Model FMS-136

FMS-136

It is suitable for general smoke detection, particularly effective in detecting large visible smoke particles such as those produced by smouldering wood, paper, PVC or polyurethane foam.

The smoke detector detects fire by the scattering of infrared beam, which circuits are consisted of a infrared beam emitter and receiver. The emitting and receiving lens are in the optical sensing chamber, screening any interference from outside lights, without preventing the entrance of smoke particles. In a smokeless condition, it only receives very weak infrared light. When smoke particles enter the chamber, the received light signal will increased due to scattering. When the smoke reaches a predetermined density, it will trigger and alarm signal.

To reduce interference and power consumption, pulsed emitting circuits are used to increase the life of the emitting lens.

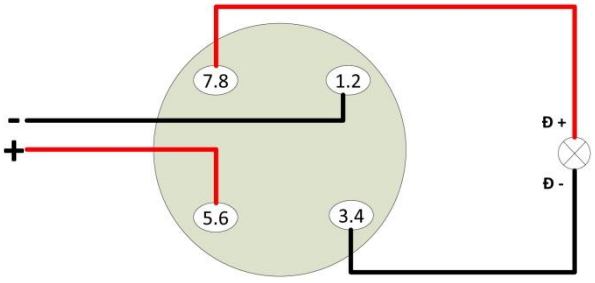
Standard Base

With no electronics, this mounting base provides durable trouble-free operation and ease of use when replacement of the detector head is required.

Standard Base

The Smoke Detector Range

This range of Smoke Detectors is designed to comply with Taiwan Fire Technology Foundation Standards. With low profile attractive appearance, the detectors have stable and reliable performance against false alarm.



Features:

- Wide operating voltage for Fire Alarm Systems
- Error free non-polarized zone input termination
- Optional Detector Head locking mechanism incorporated
- Twin colour LED Indicator, with ‘Green’ (blinking) for Normal Operation, and ‘Red’ for Alarm Status
- Terminals for Remote Alarm Led provided
- The products are manufactured under strict ISO 9001 Quality Managerment System

FORMOSA ALARM & SECURITY CO.,LTD.

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