

Conventional Multisensor

Model - AC103MD

Features:

- Ultra smoke sensitivity
- Automatic drift compensation
- Corrosion protection
- Bi-colour LED to indicate healthy and alarm condition.
- Dual LED for 360 deg viewing.
- Transient voltage protection up to 2.4KV
- Operates on 12V and 24V systems.
- Compatible with all standard conventional panels.



Overview

The AC103MD conventional multi-Sensor is equipped with both a built-in smoke sensor and a thermal sensor.

The smoke sensor is designed to detect the presence of smoke within its surveillance area. Once the smoke reaches the predetermined alarm threshold level, the sensor promptly triggers an alarm signal to the fire panel, ensuring a timely response to potential fire incidents.

Similarly, the thermal sensor measures the temperature within its surveillance area and is capable of detecting sudden rises in temperature or abnormal temperature levels. When such conditions are detected, the sensor triggers an alarm signal to the fire panel, alerting relevant personnel to take necessary action.

DATA SHEET

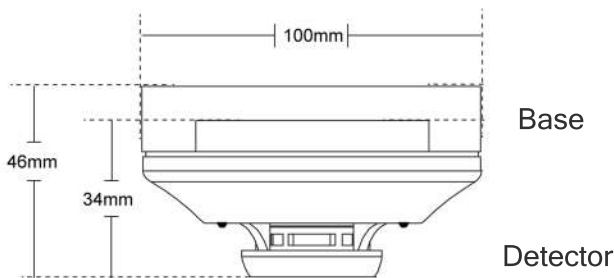
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Highlighted features of this multi sensor include:

Ultra sensitivity:

This detector utilizes ultra-sensitive smoke sensor, which is capable of detecting smoke at very early stage of a fire.



Weight :

Detector weight-73g

Detector base weight-40g

Electrical specifications

Operating voltage	12-24V DC
Quiescent current	60uA
Alarm current	25mA , 24V @ 12mA , 12V

General specifications

Smoke sensitivity	1+/- 0.5 % obs /foot
Thermal sensitivity	20°C to 60°C
Operating temperature	-10°C to 55°C
Storage temperature	-10°C to 60°C
Humidity	0-95% RH (Non-condensing)
Colour	White
Housing	Polycarbonate
Contact Clamp	Stainless steel

Indications

Normal indicator	Green LED (Blinks every 10 sec)
Alarm indicator	Red LED (Glow steady)