MIX-3000
Ionization Smoke Detector

MIX-3100
Photoelectric Smoke Detector

MIX-3200
Multi-Sensor Detector

MIX-3300
Thermal Detector

Features

- Low profile design

- For use with the FX-350 Series Fire Alarm Control Panels

- Fast response time

- Automatic addressing with the MIX-ADD card

- Variety of mounting bases

- Ease of installation

- Elegant, unobtrusive design

- Digital communications

Description

Mircom's Alpha Series Intelligent Addressable Detectors are designed to meet a wide range of applications. The detector's address is set in its base providing a convenient and trouble free maintenance procedure. The detectors mount into a selection of base styles to accommodate installation requirements.

Intelligent Ionization Smoke Detector (MIX-3000)
The Ionization smoke detector incorporates a unique dual chamber design to respond quickly and dependably to a broad range of fires. The ionization detector is equipped with a red LED which flashes when the detector is polled and turns on steady when the detector goes into alarm. (UL Listed)

Intelligent Photoelectric Smoke Detector (MIX-3100)
The Intelligent photoelectric smoke sensor utilizes a unique optical sensing chamber that is designed to sense smoke produced by a wide range of combustion sources. The photoelectric detector is equipped with a clear LED which flashes when the detector is polled and turns on steady when the detector goes into alarm.

Intelligent Multi-Sensor Detector (MIX-3200)
The Intelligent Multi-Sensor Detector is a photoelectric smoke detector with a supplementary thermal sensor. The Multi-Sensor detector combines photoelectric smoke and thermal sensor values to provide enhanced detection performance and reduction of false alarms. Information from each sensing element is processed and conditioned by an on-board advanced technology ASIC and digitally transmitted to the FACP as a single analog value comprised of the combined responses from both the photoelectric smoke and thermal detection elements.

Intelligent Thermal Detector (MIX-3300)
The Intelligent Thermal Detector utilizes state of the art electronic temperature sense to provide fast and accurate temperature monitoring. The thermal detector features an adjustable termperature range that is configured from the FX-350 Series fire alarm control panel.

7271-1477:138
(MIX-3000)
7272-1477:131
(MIX-3100)
7272-1477:142
(MIX-3200)
7270-1477:139
(MIX-3300)

S6295
(MIX-3000, MIX-3100 & MIX-3200)
S6299
(MIX-3300)

S6965
(MIX-3100 & MIX-3200)
S7498
(MIX-3300)

CATALOG NUMBER 5676

MIX-ADD Address Card

A unique, patented addressing method provides simple, user friendly and accurate identification of the detector location. A coded MIX-ADD card is inserted in the base. This can then be read by any Alpha Series detector once it is plugged in. Using this method, all the electronic components are in the detector but the location information is held in the base. The MIX-ADD card simplifies and speeds up installation and commissioning. Addressing errors during maintenance and service are eliminated.

Specifications

General Specifications

Operating Voltage	16-28 VDC
Communication	Class A (Style D) or Class B (Style B) switch selectable
Relative Humidity	0% to 95% (No condensation or icing)

Operating Temperature	0°F to +155°F (-20°C to +70°C)
Housing/Cover Plate Finish	White Polycarbonate

MIX-3000 Ionization Detector

Standby Current	500 µA
Alarm Current LED	3.5 mA

MIX-3200 Multi-Sensor Detector

Standby Current	500 µA
Alarm Current LED	3.5 mA

MIX-3100 Photoelectic Detector

Standby Current	400 µA
Alarm Current LED	3.4 mA

MIX-3300 Thermal Detector

Standby Current	500 µA
Alarm LED Current	3.4 mA
Operating Temperature Range	131°F to 194°F (55°C to 90°C)

Ordering Information

Model	Description
MIX-3000	Intelligent Addressable Ionization Smoke Detector (UL Listed)
MIX-3100	Intelligent Addressable Photoelectric Smoke Detector
MIX-3200	Intelligent Addressable Multi-Sensor Detector
MIX-3300	Intelligent Addressable Thermal Detector
MIX-ADD	Address Card for MIX-3000 Series Intelligent Detectors

NOT TO BE USED FOR INSTALLATION PURPOSES.

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