

WHY YOU NEED MX 850 & 830 SERIES FIRE DETECTORS

1. Established Innovators

We were the first to introduce triple-sensing technology combining CO, optical and heat detection in a single device. The introduction of this next generation solution set a new standard for the industry, and with the more recent release of our fully addressable TrueAlert ES LED notification appliances and addressable speakers featuring revolutionary self-testing capability, we continue to raise the bar in the fire detection industry.

2. Adaptable and Flexible for a Wide Range of Premises and Fire Risks

The MX 850 & 830 series of fire sensors are designed to be highly adaptable, allowing the fire alarm system to be tailored to meet a range of fire risks. They can be programmed individually with a day and night mode and provide different modes of sensitivity. This makes the range flexible as each sensor can be adapted for use in its specific environment.

3. Better Environmental Performance

The entire range of MX 850 & 830 series sensors have been updated with a redesigned smoke chamber. By introducing an insect screen and conformal coated electronics (including printed circuit boards) inside the sensor, they can better compensate for the effects of environmental contamination caused by dust and dirt. This gives the range enhanced environmental performance and greater tolerance in different environments.

4. Reduced False Alarms

Advanced sensor design, configurable detection modes, dynamic sensitivity adjustment, and multi-sensor technology are just some of the advanced features that help MX 850 & 830 series sensors accurately detect fires and reduce false alarms.

5. Lower Life Time Cost

Each MX 850 & 830 series sensor is designed to save you costs by delivering a longer and more reliable service life. The Extended Service Life (ESL) feature of the MX series range extends their operating lifetime by automatically raising the alarm threshold as the device ages. This means the sensor is able to achieve the maximum amount of drift compensation and the longest possible service life with the approved level of sensitivity.

6. Flexible Option

Autocall MX Sensors are available with or without an inbuilt short circuit isolator to meet all specification requirements and preferences.

7. World Class Manufacturing

MX 850 & 830 series sensors are made in world class, globally certified manufacturing centers located in Europe. Each factory maintains the highest employee safety standards and delivers top quality products with the least possible impact to the environment.

8. UL Listing

MX 850 & 830 series sensors are UL Listed. Our product development and manufacturing procedures are regularly audited and inspected by independent test houses from around the world.

9. Triple Sensing Technology

The MX 850 series triple sensor combines heat, optical and CO sensors in a compact, easy to install package. Each sensor transmits a continuous stream of environmental data to the fire control panel. High speed processors and sophisticated algorithms evaluate the information and determine whether there is a fire. Single sensors can only react to one indicator of potential fire, meaning the risk of false alarm is potentially greater.

10. Improved Communication

The MX 850 & 830 series sensors use sophisticated and extremely reliable digital communication protocols to send information to the fire control unit. This improved communication with the panel, is intended to achieve a more accurate sensing of fire and a quicker response.