HOCHIKI

World Class Leaders in Fire Detection Since 1918

CDX
Conventional

Range Overview

CDX
Conventional

Globally Proven Product Design

Hochiki's CDX range of automatic fire detection and alarm equipment is designed and manufactured to the highest international standards, offering life safety products and systems of incomparable reliability.

This extensive range of products simplifies installation, minimises cost and allows seamless integration.

Specified in many prestigious buildings, Hochiki's Conventional range of products is the premier choice for system designers.

Maintenance & Support for Optimum Performance

The Hochiki Conventional range has been designed for ease of installation, with a wide range of bases, and adapters, and a locking mechanism on all sensors for on-site activation. Simple and robust connections provide sufficient space for all modern fire alarm cables.

For effortless on-site maintenance, CDX Photoelectric Smoke Sensors are designed with removable chambers allowing quick cleaning and re-assembly. Hochiki's Maintenance and Service facility also maximises product lifetime, where products returned are dismantled, cleaned and re-calibrated ensuring the products operate for many years, trouble free.

Application

Hochiki's CDX range offers one of the most extensive product portfolios available, providing solutions for most conventional fire detection applications and security systems due to its wide operating voltage range (9.5~ to 30 VDC). The extensive collection also features application specific products that support specialised areas and the most demanding applications.

CDX
Extensive Range of Products

Photoelectric Smoke Detector

Hochiki has pioneered the unique high performance Photoelectric Smoke Detector. This concept allows the detector to be equally sensitive to a wide range of combustible materials, whilst improving the signal to noise ratio and reducing susceptibility to false alarms.

Heat Detectors

Fixed Heat and Rate of Rise Heat Detectors utilise thermistor and linearising circuits to provide accurate, electronic linear heat detection.

Flame Detectors

Hochiki's range of conventional Flame Detectors is based on Infra-Red technology. The range includes both single and triple IR frequency variants. Flame detectors identify Infra-Red radiation emitted from flames during combustion. A hand-held Flame Detector Tester offers a flame-free method of testing the Infra-Red series of detectors.

Beam Detectors

The CDX range also encompasses Beam Smoke Detectors, with end to end and reflective variants available. Beam Smoke Detectors are designed to protect large spaces up to 1500m^2 (per device).

Waterproof Detector

Environments which are subject to high levels of condensation can be protected by Hochiki's Waterproof (IP67) Fixed Temperature (60°C) Heat Detector.

Marine Approved

Hochiki's Marine Approved Conventional Range of products is based on the globally-proven CDX range and all products have been approved for use by Germanischer Lloyd and are ideal for applications such as ships and oil rigs.

Intrinsically Safe & Explosion Proof

Intrinsically Safe and Explosion-Proof Conventional products have been designed and approved for hazardous area use by LPCB and Germanischer Lloyd.

Complementing Hochiki's wide range of conventional detectors is a collection of mounting bases, sounders and beacons to ensure a solution for every application.

CDX
Key Features & Benefits

False Alarm Reduction

Hochiki's Conventional Range uses advanced verification techniques to reduce the potential for false or unwanted alarms. In addition, the Photoelectric Smoke Detectors operate on very low sensitivity, yet exceed the requirements of the EN54 Standard to minimise false alarms.

Integration & Cost Minimisation

Using a number of special bases, and through integrating detection and evacuation devices on the same set of cables, the lowest costs of installation and ownership are achieved. Low current consumption and the capability of integration into security systems further reduce ownership costs.

Compatibility

Development in alliance with independent panel manufacturers ensures that functions and benefits of the Hochiki Conventional Detection range are incorporated, and rigorous testing confirms compatibility and compliance.

Approved to European Standards

Hochiki's Conventional products are tested and approved to the latest standards and regulations by the major European third party test bodies, including LPCB and VdS.

Hochiki is a wholly independent, multinational, publicly listed group of companies with over 2000 employees working across six manufacturing plants, 38 sales offices and 14 subsidiaries.

One of the world's leading manufacturers of commercial and industrial fire detection and emergency lighting solutions, Hochiki has acquired global acceptance as the benchmark for high-integrity and long-term reliability.

Hochiki's facilities in Japan, the United States of America and Europe design and manufacture products and provide technical support suited to local standards and customer requirements.

Total commitment to meeting the needs of individual national markets has reinforced the company's global reputation, resulting in Hochiki products being installed in many prestigious sites and in over 80 countries worldwide.

HOCHIKI

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ISS6/JAN24

91%
of customer reviews rated our product quality as "VERY GOOD" or "EXCELLENT"

88%
of our customers are extremely likely to recommend our products based on quality

92%
of our customers rated us as VERY GOOD or EXCELLENT.

Statistics from the Hochiki customer service survey

CDX
Conventional

Quality Certificate No.164QMS
Assessed to ISO 9001

Environmental Certificate No.164EMS
Assessed to ISO 14001

LPCB

UKAS
MANAGEMENT
SYSTEMS
0007

INSTITUTE
OF EXPORT
& INTERNATIONAL TRADE
BUSINESS MEMBER 2021 - 2022
Business Member

FIA
Fire Industry Association

LFPO
ENITI AD DEFENDERE
Affiliate Member

CPD
MEMBER
The CPD Certification
Service

ICEL
ENDORSED

Your Safety
Our Technology