Product developed by Fenwal Controls of Japan, which has a proven track record in fire prevention systems for industrial applications such as large-scale facilities and plants.

F Series offers selection

Supports all sorts of requirements including application, specifications, environment, and installation conditions.

Selective Sensitivity

Selective Output

Selective System

Supports applications such as direct contact output and PC output.

You can select a system that connects to a reasonable or standalone type that offers direct control from detectors.

F Series detectors are the smallest available on the global market. With Ultra-Small size and variation of sensitivities, F Series detectors support a wide variety of requirements.

Ultra-Small detector is 1/10 the size of conventional detectors, and 50 times more sensitive (0.1%/m).

It is also very important to take measures to protect equipment from fire.
Smallest smoke detectors available on the global market are able to detect fire inside equipment at the initial stage. From ultra-high sensitivity of 0.1%/m used in clean rooms, to 10%/m used in ordinary atmosphere, the F Series supports a wide variety of requirements such as application, specifications, environment, output and control system.

**Features of the F Series that minimize latent risk of fire inside high-density equipment**

In the event of equipment fire, the equipment would first of all be damaged. It would also result in the equipment’s controlled circuits failing to function properly. This could lead to equipment failure, and could even affect surrounding areas.

**Ultra-Small**
Inside high-density equipment

**Features** of the F Series that minimize latent risk of fire:

1. **Electrical fires** involving cables are prevented by using cables that have been treated to prevent burning.
3. **Mounting space** is minimized to allow easy installation of detectors in tight spaces.
4. **Detection performance** is enhanced by using high sensitivity detectors.
5. **Address function** enables easy management of connected detectors.
6. **Operation and user-friendliness** ensure easy use of the detectors.

Variation 1: You can combine smoke and heat detectors.

Variation 2: You can connect to a PC.

Variation 3: Same mounting base used for all detectors.

Variation 4: Your choice of 2-way control unit mounting method.

Smoke detector F11

**Variation 3**

Same mounting base used for all detectors

Connecting the control unit to a PC enables you to easily change detector addresses and sensitivity settings, or check current state, log, etc., remotely on the PC.

**Variation 1**

You can build a system containing both smoke and heat detectors by connecting them to the control unit.

**Variation 4**

Your choice of 2-way control unit mounting method

The F Series offers your choice of control unit that can be directly mounted on a DIN rail or type that is mounted on a panel.

**Variation 2**

You can connect the control unit to a PC, you can reset or change settings, or check current state, log, etc., connecting them to the control unit.