

FF Data Sheet | Conventional FT Heat Detector

FWC1000

Conventional optical smoke detector

The FWC1000 is a cost-effective, non-addressable optical smoke detector, designed to deliver reliable early warning of fire in open area applications.

With a modern, low-profile design, it combines advanced sensing technology and intelligent chamber construction to minimise false alarms and maximise detection performance.

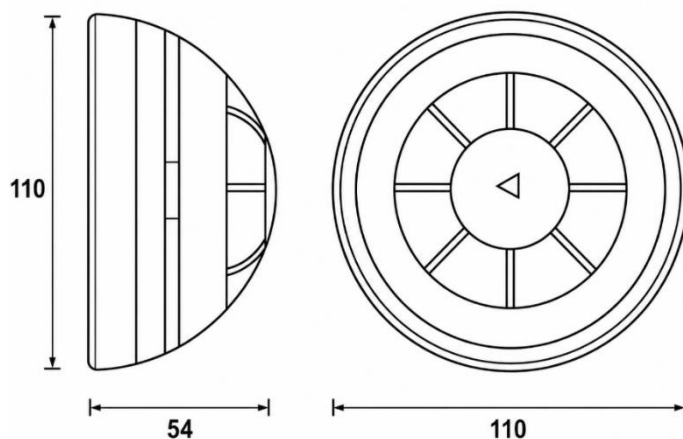
Equipped with a centrally positioned LED for 360° visibility, the detector also features a built-in magnet test function, allowing for quick and easy operational checks. A selection of compatible mounting bases, including options with resistors and diodes, ensures seamless integration with most conventional fire alarm control systems.



Key Features

- Dual dust-trap chamber design for enhanced reliability
- Intelligent internal algorithm processing for false alarm reduction
- Third-party certified
- Available in multiple colour options
- 5-year product warranty
- 360° central LED indicator

Diagram



Specification

Power supply	10-30 Vdc
Average standby current	90 pA @ 24 Vdc
Max alarm current	40 mA
Max remote output current	18 mA
Dimensions	110mm x54mm
Weight (with base)	190g
Operating Temperature (no icing)	-40C to +70C
Max Humidity	95% RH (non-condensing)
IP rating	40