Fike®

TWINFLEX®pro²

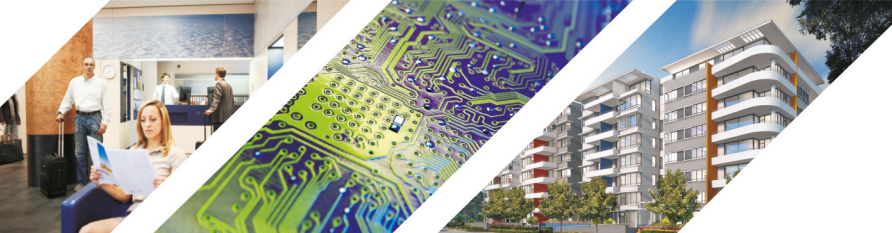## Smart Two-Wire Fire Alarm System

TWINFLEX®pro²

Smart 2-Wire Fire Alarm System

A conventional 2-wire fire alarm system is often the natural choice for smaller applications or where budget constraints exist.

Fike's TWINFLEXpro² 2-wire fire alarm system has long been known for its adaptability and cost-effectiveness within a variety of applications, big or small ... making it one of the most flexible products on the market.

Building on those strengths and designed for ease of use and state-of-the-art monitoring, the LPCB Approved TWINFLEXpro² is the next generation in 2-wire fire alarm reliability.

The Reliable Fire Protection System You Can Count On

This versatile fire alarm system incorporates Fike's ASD Multipoint detector using smoke and heat detection with optional built-in sounder, allowing the whole system to be installed using only one pair of wires per zone. That means easier, faster installations AND cost savings.

Features

- 4 line x 20 character LCD display

- Differentiates between callpoint or detector alarms

- Checkpoint alarm verification feature

- Available in 2, 4, and 8 zone panel versions

- Highlighted selection menu

- Allows detectors and sounders to be installed on same pair of wires

- Event log storing up to 500 events

- Up to 32 devices per zone

- 3 enhanced test modes

- Built-in EOL capability in all devices

- Zone can be configured to day/night detection mode

Applications

- Schools
- Nursing Homes
- Bed & Breakfasts
- Museums

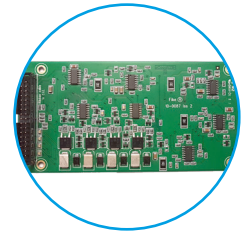- Apartments / Flats
- Restaurants
- Retail Stores
- Office Buildings

What's New ?

Panel design changes to allow easier installation.

Protective cover to stop accidental damage when installing.

4 & 8 zone panels can now be configured to accept conventional devices on zones 5 to 8 with the optional conventional zone card.

Optional extended battery box with capacity for 2 x 12V 7.0Ah batteries.

Remote Display Units

Remote Display Units (Repeater panels) allow for the system status and control to be provided at secondary locations.

Allows the ability to :
- Silence Alarms / Reset System / Sound Alarms / Silence Buzzer
- Connect up to 8 per control Panel
- Can be powered via the control panel or separate PSU

ASD Multipoint Detector

Using the Multipoint ASD detector as part of the TWINFLEXpro² system means that when a detector is wired to the system, a sounder and strobe can also be connected without extra installation time or cost. This greatly reduces the number of points that need to be installed and the time it takes to install.

As the Multipoint ASD offers 7 different modes of detection, the installation is made even simpler since one device suits all applications. Whatever type of detection is required, it can be selected by the flick of a switch at the time of commissioning 3 different smoke modes, 2 fixed temperature heat modes, a rate of rise mode and a combination smoke or heat mode.

As the Multipoint ASD detector is available with or without a full specification integral 90dBA sounder no extra devices need to be purchased when audible warning is required. If extra sound is required or for areas that do not require detection, then a choice of several different standalone sounders or sounder beacons can be used on the same two wires.

Two wire installation - only one circuit per zone to connect detectors and sounders - installation savings can be as high as 40%.

- 7 modes of detection

- Multipoint saves the cost of a sounder

- Warning of head contamination, before going into false alarm

- Easily removable for maintenance at height

Detection Modes

SMOKE 1

Used where ionization detectors are normally fitted, especially when there are high ceilings or a risk of free burning fires (chemical stores etc), or fires that need to be detected extremely quickly.

SMOKE 2

Used where optical detectors are normally fitted, when there is a risk of a smouldering fire and for escape routes.

SMOKE 3

Designed for use in areas that are prone to nuisance alarms. The reduced sensitivity linked with a time delay feature means that a higher concentration of smoke needs to be present for a constant time period before a fire decision is made.

HEAT 1

(Rate-of-Rise) – Used where a standard rate-of-rise detector would normally be used.

HEAT 2

(Standard Fixed Temperature – 58°C /136°F approximately)
A standard fixed temperature heat detector, suitable for domestic kitchens, etc.

HEAT 3

(High Fixed Temperature – 90°C / 194°F approximately) – High fixed temperature heat detector suitable for boiler rooms, commercial kitchens, etc.
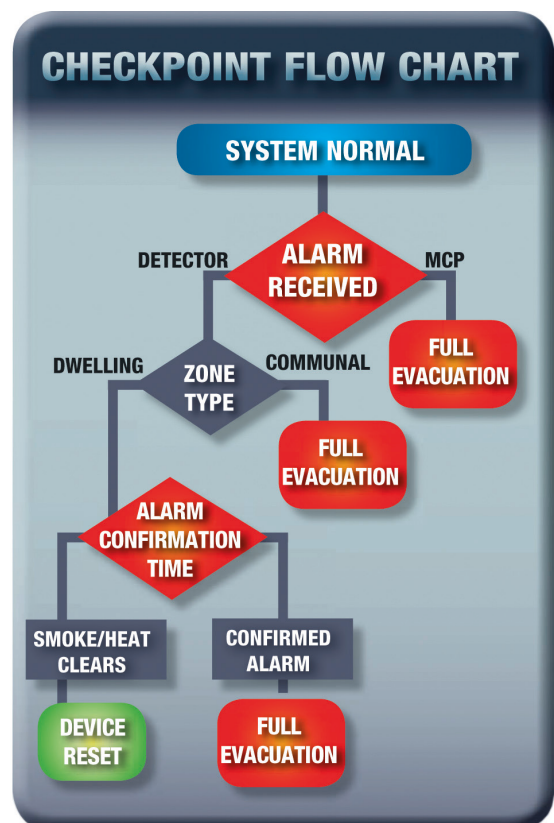
ALARM CONFIRMATION FEATURE

Early warning fire alarm verification is often crucial. The disruption to business and costs associated with responding to false alarms can be enormous. The TWINFLEXpro² offers alarm confirmation technology, which can help eliminate nuisance or false alarms.

Using the built-in alarm confirmation feature, until an alarm has been confirmed within an individual area, only that area is evacuated. At the same time, if an alarm is triggered in a common area, the device initiates a full alarm evacuating all surrounding areas. This unique panel feature is vital where two- stage alarms are required.

For example - when an alarm is indicated by an individual detector, the sounder for that device/zone is activated and the control panel carries out the configured number of confirmation checks on that specific zone.

If the alarm is confirmed, the control panel enters the fire state and all additional notification devices are activated throughout the facility. If the detector alarm is rejected, the sounders on the zone are silenced, and the detector in alarm is reset.

For safety, activating a callpoint will override any delays or confirmation settings.
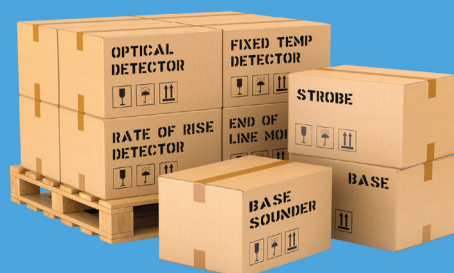
CHECKPOINT FLOW CHART

TWINFLEX®pro²

Part Numbers

TwinflexPro² 2 Zone	505-0002
TwinflexPro² 2 Zone	505-0004
TwinflexPro² 2 Zone	505-0008
TwinflexPro² 2 Zone Kit	604-0002
TwinflexPro² 4 Zone Kit	604-0004
TwinflexPro² 8 Zone Kit	604-0008
TwinflexPro² Repeater	505-0010
Expansion Card	505-0006
Conventional Card	505-0007
TwinflexPro² OSP	505-0040
ASD Multipoint	204-0003
ASD Multipoint Sounder	204-0001
ASD Multipoint Strobe	204-0012
Manual Call Point c/w cover	402-0006
Manual Call Point *WP	402-0007

Input / Output Module	802-0006
ASD Deep Base	900-0003
Remote LED	600-0092
Hatari Sounder Red	302-0001
Hatari Sounder White	302-0002
Soundpoint Red	313-0021
Soundpoint White	313-0022
Hipoint	302-0004
Flash Point	302-0012
Flash Point Domed	302-0022
Flash Point *WP	302-0023
TwinflexPro² Battery Box	505-0020

*WP - Weatherproof

Fike Multipoint Detectors - The alternatives don't stack up!

Product Training

Module 1 : TwinflexPro² - Price £ 25 (includes Software)
Only available at remote venues & included in module 3. CPD certified course

Module 2 : Duonet / Quadnet - Price £ 50 (includes Software)

Module 3 : TwinflexPro² & Duonet / Quadnet - Price £ 50 (includes Software)

Other training modules are also available.

CPD Accredited Presentations

Continuing Professional Development (CPD) is the term used to describe the learning activities professionals engage in to develop and enhance their abilities. It enables learning to become conscious and proactive, rather than passive and reactive. Fike can offer the following presentations:

Introduction to Fire Alarms

Introduction to Video Detection

Introduction To Water Mist

Introduction to Fire Suppression

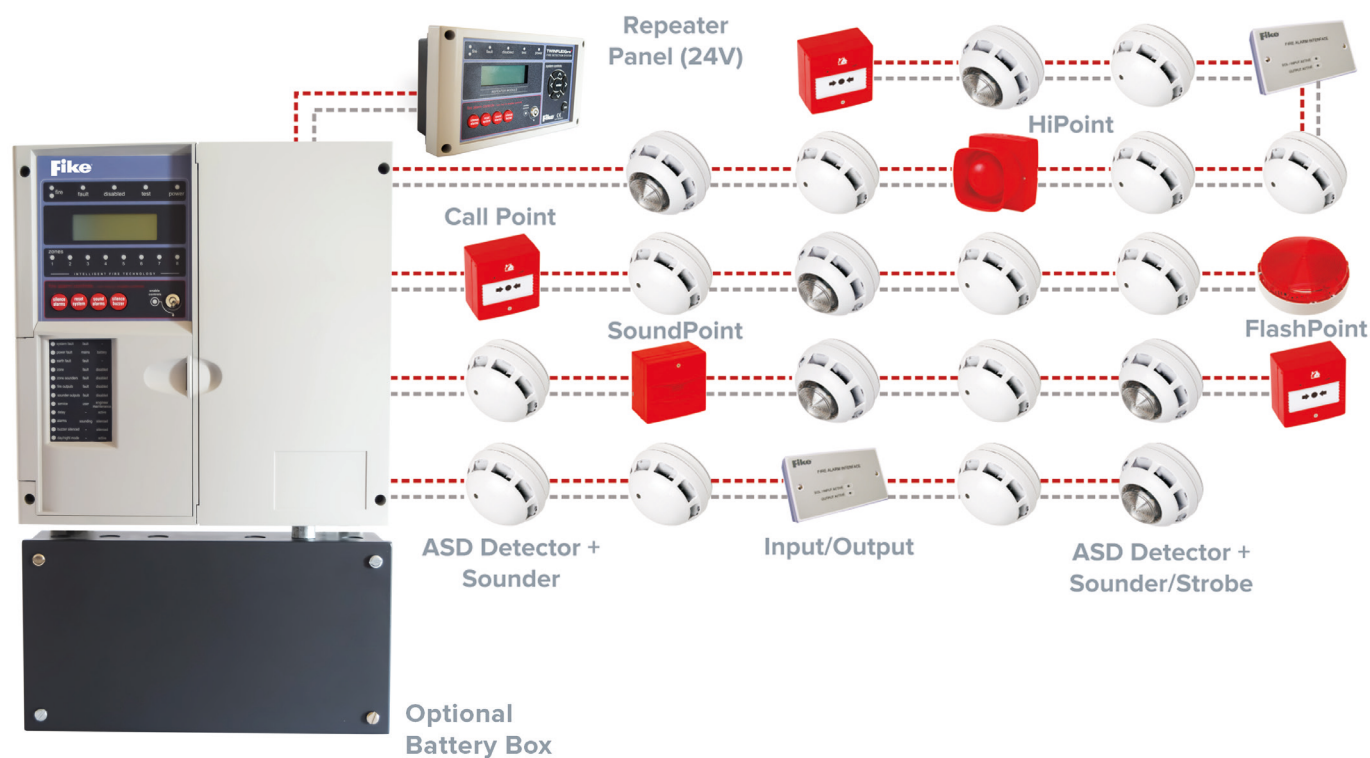To reserve a place on one of the courses or CPD presentations, please contact:

Fike Safety Technology Ltd   **Tel:** +44 (0) 1633 865 558 | **E-Mail:** fst.info@fike.com

.... with the TWINFLEXpro² 2 wire design, installation savings can be as high as 40% !

System Configuration

Repeater Panel (24V)

HiPoint

Call Point

SoundPoint

FlashPoint

ASD Detector + Sounder

Input/Output

ASD Detector + Sounder/Strobe

Optional Battery Box

BECAUSE SO MUCH IS AT STAKE™

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