FirePro.

Pro.

Product
Catalogue

2015 - 2016

A Complete Solution Portfolio

FirePro delivers a broad portfolio of fire suppression systems and solutions for numerous applications and industries. FirePro's state of the art condensed aerosol fire extinguishing generators are matched with certified monitoring panels, controllers, detection systems, alarms and all other relevant accessories. Moreover, they are accompanied by technical brochures, manuals and software tools. In addition, we provide technical support and training.

Focus on High Quality

FirePro products are certified and listed by Underwriters Laboratories (UL) in the United States, as well as by the BSI and KIWA in Europe. Furthermore, they are manufactured under strict international quality and environmental management standards and requirements. All FirePro product lines are complemented by an equally advanced range of detection and control technologies.

Environment Friendly Technology

FirePro generators are manufactured with a certified shelf life of 15 years, they are environmentally and ecologically friendly, non-toxic, with zero ozone depletion factor and zero global warming potential. FirePro and its partners are Reinventing Safety in the fire industry.

Cost Effective & Practical

FirePro systems can be ideal for both conventional and non-conventional applications. Moreover, they can be applied in situations which are considered to be technically or financially challenging for other technologies.

Support & Expertise

In the highly regulated market of the fire suppression industry, we match our products with up to date information pertaining to fire engineering standards, applications and worldwide support. Our global distribution network is comprised of trained and certified professionals ready to design, supply, install and maintain the full range of FirePro products. FirePro and its partners currently protect key assets in more than 110 countries worldwide.

FirePro.
Product Catalogue Index

Section A

Fire Extinguishing Condensed Aerosol Generators For Fixed Installations

FP-20

■ FP-20SE

Product Code: 10135
Product Description: **FirePro Fire Extinguishing Generator FP-20SE.**
Features:
• UL, KIWA, BSI, ActivFire Approved
• This model discharges through two sets of outlets (top & bottom)

■ FP-20T

Product Code: 10620
Product Description: **FirePro Fire Extinguishing Generator FP-20T.**
Features:
• Under Process to be UL, KIWA, BSI, ActivFire Approved
• This model discharges through one outlet only (bottom).

■ FP-20TH

Product Code: 10649
Product Description: **FirePro Fire Extinguishing Generator FP-20TH.**
Features:
• This model can be activated by a Bulb Thermal Actuator only and discharges through one outlet only (bottom).

TECHNICAL INFORMATION

Model	FP-20SE / FP-20T / FP-20TH*
Activation mechanism	Electrical (min. 1.5V DC, 0.8A in 3-4 sec) *FP-20TH Thermal Activation Only
Current intensity to be tested	Maximum 5 mA
Weight (gross)	310 g (excluding bracket)
Net mass of forming aerosol agent	20 g
Operational discharge time	5 - 10 seconds
Discharge outlets	2
Discharge length	0.5 m
Dimensions (Length X Diameter)	165 mm x 32 mm (incl. connector housing)
Self activation temperature	300 ˚C
Fire Class	A, B, C, F

Operating temperatures: 54ºC to +54ºC | Generators are provided complete with brackets

FP-40

■ FP-40S

Product Code: 10136
Product Description: **FirePro Fire Extinguishing Generator FP-40S.**
Features:
- UL, KIWA, BSI, ActivFire Approved
- This model discharges through two sets of outlets (top & bottom)

■ FP-40T

Product Code: 10609
Product Description: **FirePro Fire Extinguishing Generator FP-40T.**
Features:
- UL, KIWA, BSI, ActivFire Approved
- This model discharges through one outlet only (bottom).

TECHNICAL INFORMATION

Model	FP-40S / FP-40T
Activation mechanism	Thermal Electrical (min 1.5V DC, 0.8A in 3-4 sec)
Activator type	Heating element with 2.3 ohm resitance
Current intensity to be tested	Maximum 5 mA
Weight (gross)	610 g (excluding bracket)
Net mass of forming aerosol agent	40 g
Operational discharge time	5 - 10 seconds
Nozzle	N/A
Discharge outlets	2
Discharge length	1.2 m
Dimensions (Length X Diameter)	140 mm x 51 mm
Self activation temperature	300 ºC
Fire class	A, B, C, F

Operating temperatures: 54ºC to +54ºC | Generators are provided complete with brackets

FP-80

◼ FP-80S

Product Code: 10138
Product Description: **FirePro Fire Extinguishing Generator FP-80S.**
Features:
• UL, KIWA, BSI, ActivFire Approved
• This model discharges through two sets of outlets (top & bottom)

◼ FP-80T

Product Code: 10617
Product Description: **FirePro Fire Extinguishing Generator FP-80T.**
Features:
• UL, KIWA, BSI, ActivFire Approved
• This model discharges through one outlet only (bottom).

TECHNICAL INFORMATION

Model	FP-80S / FP-80T
Activation mechanism	Thermal Electrical (min 1.5V DC, 0.8A in 3-4 sec)
Activator type	Heating element with 2.3 ohm resitance
Current intensity to be tested	Maximum 5 mA
Weight (gross)	870 g (excluding bracket)
Net mass of forming aerosol agent	80 g
Operational discharge time	5 - 10 seconds
Discharge outlets	2
Discharge length	2 m
Dimensions (Length X Diameter)	185 mm x 51 mm (incl. connector housing)
Self activation temperature	300 ºC
Fire class	A, B, C, F

Operating temperatures: 54ºC to +54ºC | Generators are provided complete with brackets

FP-100S

■ FP-100S

Product Code: 10140
Product Description: **FirePro**
Fire Extinguishing Generator FP-100S.
Features:
• UL, KIWA, BSI, ActivFire Approved

TECHNICAL INFORMATION

Model	FP-100S
Activation mechanism	Thermal Electrical (min 1.5V DC, 0.8A in 3-4 sec)
Activator type	Heating element with 2.3 ohm resitance
Current intensity to be tested	Maximum 5 mA
Weight (gross)	1370 g (excluding bracket)
Net mass of forming aerosol agent	100 g
Operational discharge time	5 - 10 seconds
Nozzle	Optional
Discharge outlet	1
Discharge length	1 m
Dimensions (Length X Diameter)	155 mm x 84 mm (incl. connector housing)
Self activation temperature	300 ºC
Fire class	A, B, C, F

Operating temperatures: 54ºC to +54ºC | Generators are provided complete with brackets

FP-200S

■ FP-200S

Product Code: 10142
Product Description: **FirePro**
Fire Extinguishing Generator FP-200S.
Features:
• UL, KIWA, BSI, ActivFire Approved

TECHNICAL INFORMATION

Model	FP-200S
Activation mechanism	Thermal Electrical (min 1.5V DC, 0.8A in 3-4 sec)
Activator type	Heating element with 2.3 ohm resitance
Current intensity to be tested	Maximum 5 mA
Weight (gross)	1840 g (excluding bracket)
Net mass of forming aerosol agent	200 g
Operational discharge time	5 - 10 seconds
Discharge outlets	1
Discharge length	2 m
Dimensions (Length X Diameter)	185 mm x 84 mm (incl. connector housing)
Self activation temperature	300 ºC
Fire class	A, B, C, F

Operating temperatures: 54ºC to +54ºC | Generators are provided complete with brackets

FP-500S

■ FP-500S

Product Code: 10145
Product Description: **FirePro**
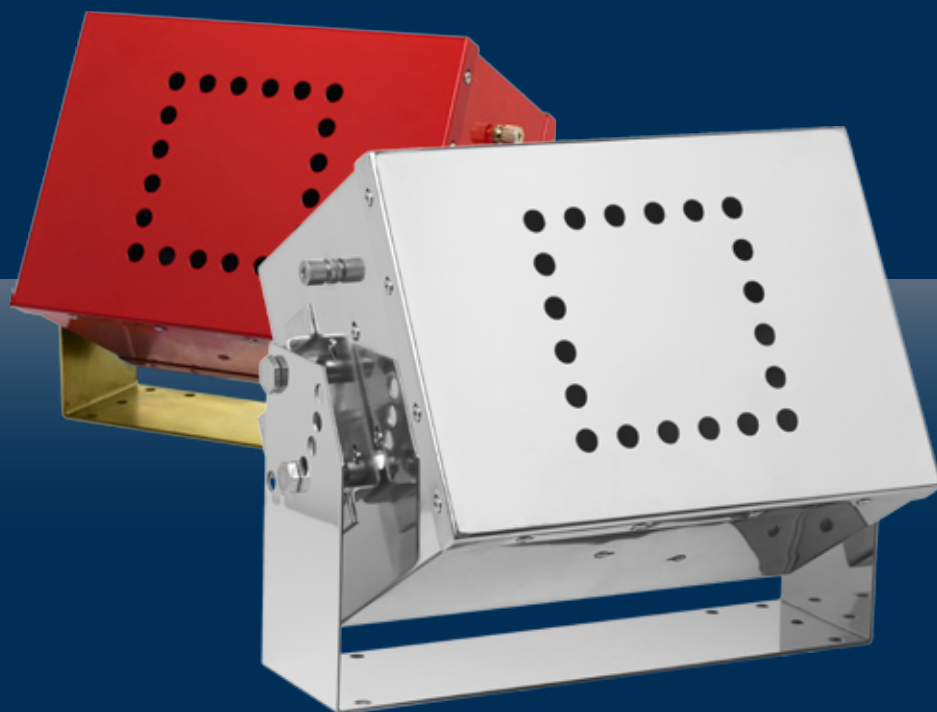**Fire Extinguishing Generator FP-500S.**
Features:
• UL, KIWA, BSI, ActivFire Approved

TECHNICAL INFORMATION

Model	FP-500S
Activation mechanism	Thermal Electrical (min 1.5V DC, 0.8A in 3-4 sec)
Activator type	Heating element with 2.3 ohm resitance
Current intensity to be tested	Maximum 5 mA
Weight (gross)	3340 g (excluding bracket)
Net mass of forming aerosol agent	500 g
Operational discharge time	5 - 10 seconds
Discharge outlets	1
Discharge length	2.5 m
Dimensions (Length X Diameter)	295 mm x 84 mm (incl. connector housing)
Self activation temperature	300 ºC
Fire class	A, B, C, F

Operating temperatures: 54ºC to +54ºC | Generators are provided complete with brackets

FP-1200

FP-1200
Product Code: 10147
Product Description: **FirePro Fire Extinguishing Generator FP-1200.**
Features:
- UL, KIWA, BSI, ActivFire Approved
- Carbon-Steel casing Red-coated

FP-1200T
Product Code: 10316
Product Description: **FirePro Fire Extinguishing Generator FP-1200T.**
Features:
- Under Process to be UL, KIWA, BSI, ActivFire Approved
- Carbon-Steel casing Red-coated

FP-1200S
Product Code: 10395
Product Description: **FirePro Fire Extinguishing Generator FP-1200S.**
Features:
- UL, KIWA, BSI, ActivFire Approved
- Stainless steel casing

FP-1200TS
Product Code: 10622
Product Description: **FirePro Fire Extinguishing Generator FP-1200TS.**
Features:
- Under Process to be UL, KIWA, BSI, ActivFire Approved
- This model can be activated by a Bulb Thermal Activator
- Stainless steel casing

TECHNICAL INFORMATION

Model	FP-1200 / FP-1200S / FP-1200T / FP-1200TS
Activation mechanism	Thermal Electrical (min 1.5V DC, 0.8A in 3-4 sec)
Activator type	Heating element with 2.3 ohm resitance
Current intensity to be tested	Maximum 5 mA
Weight (gross)	10900 g (excluding bracket)
Net mass of forming aerosol agent	1200 g
Operational discharge time	10 - 15 seconds
Discharge outlet	1
Discharge length	3.5 m
Dimensions	216 mm x 300 mm x 167 mm
Self activation temperature	N/A
Fire class	A, B, C, F

Operating temperatures: 54ºC to +54ºC | Generators are provided complete with brackets

FP-2000

FP-2000
Product Code: 10149
Product Description: **FirePro Fire Extinguishing Generator FP-2000.**
Features:
- UL, KIWA, BSI, ActivFire Approved
- Carbon-Steel casing Red-coated

FP-2000S
Product Code: 10392
Product Description: **FirePro Fire Extinguishing Generator FP-2000S.**
Features:
- UL, KIWA, BSI, ActivFire Approved
- Stainless steel casing

FP-2000T
Product Code: 10317
Product Description: **FirePro Fire Extinguishing Generator FP-2000T.**
Features:
- Under Process to be UL, KIWA, BSI, ActivFire Approved
- Carbon-Steel casing Red-coated

FP-2000TS
Product Code: 10623
Product Description: **FirePro Fire Extinguishing Generator FP-2000TS.**
Features:
- Under Process to be UL, KIWA, BSI, ActivFire Approved
- This model can be activated by a Bulb Thermal Activator
- Stainless steel casing

TECHNICAL INFORMATION

Model	FP-2000 / FP-2000S / FP-2000T / FP-2000TS
Activation mechanism	Thermal Electrical (min 1.5V DC, 0.8A in 3-4 sec)
Activator type	Heating element with 2.3 ohm resitance
Current intensity to be tested	Maximum 5 mA
Weight (gross)	15500 g (excluding bracket)
Net mass of forming aerosol agent	2000 g
Operational discharge time	10 - 15 seconds
Discharge outlet	1
Discharge length	3.5 m
Dimensions	300 mm x 300 mm x 185 mm
Self activation temperature	300 °C
Fire class	A, B, C, F

Operating temperatures: 54ºC to +54ºC | Generators are provided complete with brackets

FP-3000

FP-3000
Product Code: 10150
Product Description: **FirePro Fire Extinguishing Generator FP-3000.**
Features:
- UL, KIWA, BSI, ActivFire Approved
- Carbon-Steel casing Red-coated

FP-3000T
Product Code: 10318
Product Description: **FirePro Fire Extinguishing Generator FP-3000T.**
Features:
- Under Process to be UL, KIWA, BSI, ActivFire Approved
- Carbon-Steel casing Red-coated

FP-3000S
Product Code: 10393
Product Description: **FirePro Fire Extinguishing Generator FP-3000S.**
Features:
- UL, KIWA, BSI, ActivFire Approved
- Stainless steel casing

FP-3000TS
Product Code: 10624
Product Description: **FirePro Fire Extinguishing Generator FP-3000TS.**
Features:
- Under Process to be UL, KIWA, BSI, ActivFire Approved
- This model can be activated by a Bulb Thermal Activator
- Stainless steel casing

TECHNICAL INFORMATION

Model	FP-3000 / FP-3000S / FP-3000T / FP-3000TS
Activation mechanism	Thermal Electrical (min 1.5V DC, 0.8A in 3-4 sec)
Activator type	Heating element with 2.3 ohm resitance
Current intensity to be tested	Maximum 5 mA
Weight (gross)	16300 g (excluding bracket)
Net mass of forming aerosol agent	3000 g
Operational discharge time	15 - 20 seconds
Discharge outlets	1
Discharge length	4 m
Dimensions	300 mm x 300 mm x 185 mm
Self activation temperature	300 °C
Fire class	A, B, C, F

Operating temperatures: 54ºC to +54ºC | Generators are provided complete with brackets

FP-4200

■ FP-4200T

Product Code: 10338
Product Description: **FirePro Fire Extinguishing Generator FP-5700T.**

Features:
- Under Process to be UL, KIWA, BSI, ActivFire Approved
- Carbon-Steel casing Red-coated

■ FP-4200TS

Product Code: 10644
Product Description: **FirePro Fire Extinguishing Generator FP-5700TS.**
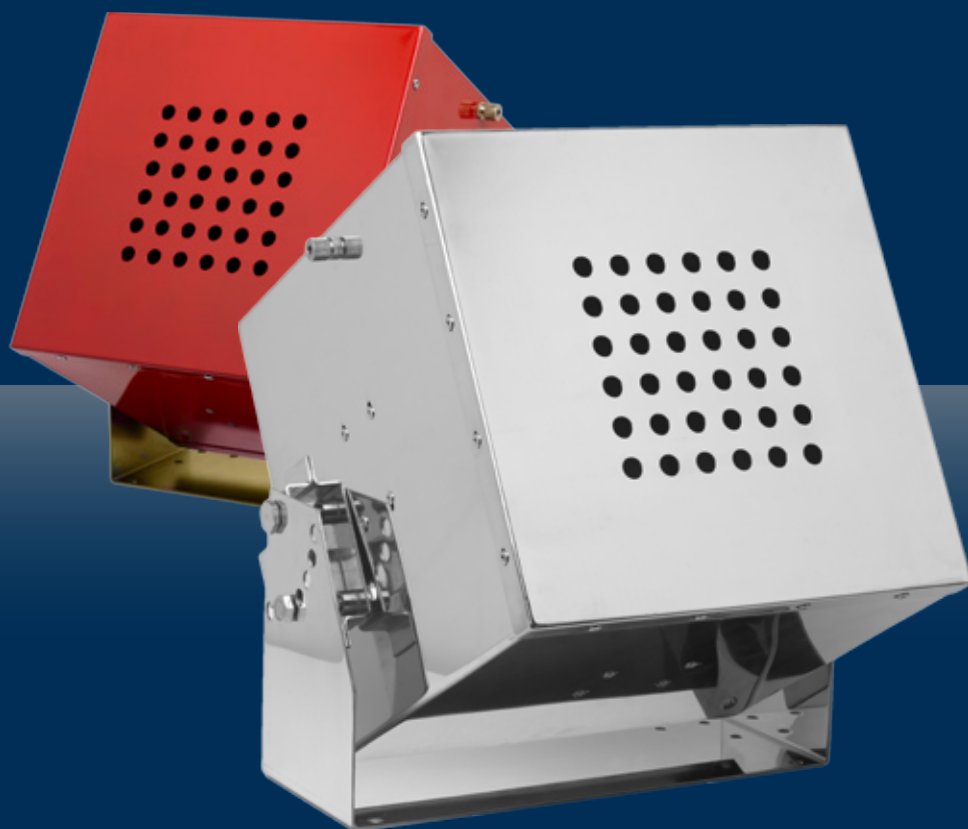
Features:
- Under Process to be UL, KIWA, BSI, ActivFire Approved
- This model can be activated by a Bulb Thermal Activator. UL Listing is under process.
- Stainless steel casing.

TECHNICAL INFORMATION

Model	FP-5700 / FP-5700S / FP-5700T / FP-5700TS
Activation mechanism	Thermal Electrical (6 - 36 V D/C 0.8 A in 3-4 sec)
Activator type	Heating element with 2.3 ohm resitance
Current intensity to be tested	Maximum 5 mA
Weight (gross)	25000 g (excluding bracket)
Net mass of forming aerosol agent	4200 g
Operational discharge time	15 - 20 seconds
Discharge outlets	1
Discharge length	7 m
Dimensions	300 mm x 300 mm x 300 mm
Self activation temperature	300 °C
Fire class	A, B, C, F

Operating temperatures: 54ºC to +54ºC | Generators are provided complete with brackets

FirePro. Product Catalogue

Product Catalogue **FirePro.**

FP-5700

■ FP-5700

Product Code: 10151
Product Description: **FirePro Fire Extinguishing Generator FP-5700.**
Features:
- UL, KIWA, BSI, ActivFire Approved
- Carbon-Steel casing Red-coated

■ FP-5700S

Product Code: 10391
Product Description: **FirePro Fire Extinguishing Generator FP-5700S.**
Features:
- UL, KIWA, BSI, ActivFire Approved
- Stainless steel casing

■ FP-5700T

Product Code: 10319
Product Description: **FirePro Fire Extinguishing Generator FP-5700T.**
Features:
- Under Process to be UL, KIWA, BSI, ActivFire Approved
- Carbon-Steel casing Red-coated

■ FP-5700TS

Product Code: 10625
Product Description: **FirePro Fire Extinguishing Generator FP-5700TS.**
Features:
- Under Process to be UL, KIWA, BSI, ActivFire Approved
- This model can be activated by a Bulb Thermal Activator.
- Stainless steel casing.

TECHNICAL INFORMATION

Model	FP-5700 / FP-5700S / FP-5700T / FP-5700TS
Activation mechanism	Thermal Electrical (min 1.5V DC, 0.8A in 3-4 sec)
Activator type	Heating element with 2.3 ohm resitance
Current intensity to be tested	Maximum 5 mA
Weight (gross)	26400 g (excluding bracket)
Net mass of forming aerosol agent	5700 g
Operational discharge time	15 - 20 seconds
Discharge outlets	1
Discharge length	8 m
Dimensions	300 mm x 300 mm x 300 mm
Self activation temperature	300 °C
Fire class	A, B, C, F

Operating temperatures: 54ºC to +54ºC | Generators are provided complete with brackets

Section B

Fire Extinguishing
Condensed Aerosol
Manual Generators

FP-200M

■ FP-200M

Product Code: 10143
Product Description:
FirePro Fire Extinguishing Manual Generator FP-200M
Features:
Manually Activated Generator

TECHNICAL INFORMATION

Model	FP-200M
Type	Cold
Activation mechanism	Manual, by removing activation pin
Activator type	Thermal Activator
Current intensity to be tested	N/A
Weight (gross)	1800 g
Net mass of forming aerosol agent	200 g
Operational discharge time	10 - 15 seconds
Discharge outlets	1
Discharge length	2 m
Dimensions	150 mm x 84 mm
Self activation temperature	300 ºC
Fire class	A, B, C, F

FP-500M

■ FP-500M

Product Code: 10347
Product Description:
**FirePro Fire Extinguishing
Manual Generator FP-500M**
Features:
Manually Activated Generator

TECHNICAL INFORMATION

Model	FP-500M
Type	Cold
Activation mechanism	Manual, by removing activation pin
Activator type	Thermal Activator
Current intensity to be tested	N/A
Weight (gross)	1910 g
Net mass of forming aerosol agent	500 g
Operational discharge time	10 - 15 seconds
Discharge outlets	1
Discharge length	2 m
Dimensions	150 mm x 84 mm
Self activation temperature	300 ºC
Fire class	A, B, C, F

FP-1000M

◼ FP-1000M

Product Code: 10146
Product Description:
FirePro Fire Extinguishing
Manual Generator FP-1000M
Features:
Manually Activated Generator

TECHNICAL INFORMATION

Model	FP-1000M
Type	Hot
Activation mechanism	Manual, by removing activation pin
Activator type	Thermal Activator
Current intensity to be tested	N/A
Weight (gross)	2240 g
Net mass of forming aerosol agent	1000 g
Operational discharge time	20 - 25 seconds
Discharge outlets	2
Discharge length	3 m
Dimensions	200 mm x 84 mm
Self activation temperature	300 ºC
Fire class	A, B, C, F

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Section C

Fire Extinguishing
Control Panels

FirePro-Kentec Sigma A-XT
Extinguishant Control Panel

Product Code: 10279
Product Description: **FirePro-Kentec Sigma A-XT Extinguishant Control Panel 230V (K1810-13)**

Product Code: 10502
Product Description: **FirePro-Kentec Sigma A-XT Extinguishant Control Panel 115V (K1810-12)**

FEATURES

- UL864 and FM listed
- Single area extinguishant panel
- 3 detection zones
- 1 extinguishant output

PRODUCT OVERVIEW

Designed and manufactured to the highest standards in a quality controlled environment and with UL and FM approvals, the Sigma A-XT releasing panel offers outstanding value and performance for all small to medium fixed firefighting installations.

Sigma A-SI
Extinguishant Status Indicator

Product Code: 10667
Product Description: **Sigma A-SI Extinguishant Status Indicator Full (K1821-19)**

Product Code: 10627
Product Description: **Sigma A-SI Extinguishant Status Indicator Light (K1821-17)**

PRODUCT OVERVIEW

The Sigma A-Si range of status indicators provide detailed status information for Sigma A-XT releasing control equipment.

FEATURES

- UL864 and FM Listed
- 6 lamp status unit with mode select keyswitch
- Detailed indication of the status of the control panel

Sigma A-XT Ancillary Board

Product Code: 10636
Product Description: **Sigma A-XT Ancillary Board (K1822-10)**

PRODUCT OVERVIEW

The Sigma A-XT Ancillary Board is compatible with all Sigma A-XT control panels. It provides volt free normally open contacts allowing control of sub-systems and plant remotely from the main panel over a two wire data bus.

FEATURES

- UL864 and FM listed
- Two wire serial connection
- Up to 7 per system

FirePro-Kentec Sigma XT
Extinguishant Control Panel

Product Code: 10176
Product Description: **FirePro-Kentec Sigma XT Extinguishant Control Panel FP-(K11031M2)**

FEATURES

- Approved to EN12094-1, EN54-2 and EN54-4
- Single Area Extinguishant Panel
- 3 Detection Zones
- 1 Extinguishant Output

PRODUCT OVERVIEW

Designed and manufactured to the highest standards in a quality controlled environment and with European EN12094-1 approvals, the Sigma XT extinguishant releasing panel offers outstanding value and performance for all small to medium fixed firefighting installations.

Kentec Sigma SI
Extinguishant Status Indicators

Product Code: 10279
Product Description: **Kentec Sigma SI Extinguishant Status Indicators - Full (K911113M8)**

Product Code: 10485
Product Description: **Kentec Sigma SI Extinguishant Status Indicators - Light (K911110M8)**

FEATURES

- Approved to EN12094-1, EN54-2 and EN54-4
- 6 lamp status unit with mode select keyswitch
- High brightness LEDs
- Detailed indication of the status of the control panel

PRODUCT OVERVIEW

The Sigma SI range of status indicators provide detailed status information for Sigma XT/XT+ extinguishant release control equipment.

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Kentec Sigma XT
Ancillary Board

Product Code: 10648
Product Description:
**Kentec Sigma XT
Ancillary Board (K588)**

FEATURES

• 2 Wire Serial Connection
• Up to 7 per System
• Volt-free Relay Outputs for Fire and Extinguishing System

PRODUCT OVERVIEW

The Sigma XT Ancillary Board is compatible with all Sigma XT control panels. It provides volt-free normally open contacts allowing control of sub-systems and plants remotely from the main panel over a two-wire data bus.

FirePro. Product Catalogue

Kentec Sigma XT+
Extinguishant Status Indicators

Product Code: 10358
Product Description: **Kentec Sigma XT+ Extinguishant Status Indicators, 4 Zones, 2 Areas (FP-K21042M3)**

Product Code: 10459
Product Description: **Kentec Sigma XT+ Extinguishant Status Indicators, 8 Zones, 2 Areas (FP-K21082M3)**

Product Code: 10177
Product Description: **Kentec Sigma XT+ Extinguishant Status Indicators, 8 Zones, 3 Areas (FP-K21083M4)**

Product Code: 10178
Product Description: **Kentec Sigma XT+ Extinguishant Status Indicators, 8 Zones, 4 Areas (FP-K21084M4)**

FEATURES

• Approved to EN12094-1, EN54-2 and EN54-4
• 2, 4 or 8 detection zones
• 1 to 4 extinguishant areas
• Dual extinguishant outputs for each area

PRODUCT OVERVIEW

Sigma XT+ control panels are multi-area extinguishant control panels with up to 4 extinguishant areas available.

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Telefire
Extinguishant Control Panel

Product Code: 10390
Product Description: **Telefire Extinguishant Control Panel (TSA-200X)**

FEATURES

- Complies with all major international standards: EN-54, EN-12094, GOST, IS 1220, CE
- Base system can be expanded via an optional extinguishing module
- 2 Detection Zones

PRODUCT OVERVIEW

The TSA-200X is ideally suited for new and retrofit applications. The base control panel includes two detection zones, horn output, dialer output, an alarm and a fault relay, and two open-collector outputs that can activate a notification LED or a relay with the addition of an optional extinguishing module adds an extinguishing output, an "extinguishing activated" output, and three inputs, for extinguishing abort, extinguishing activation, and pressure switch input. The system includes a maintenance alert for detectors (dependant on using Telefire detectors), a function that required, until now, analog addressable panels.

Telefire
Extinguishant Control Panel

Product Code: 10391
Product Description: **Telefire Extinguishant Control Panel (TSA-1000X)**

FEATURES

- Modularity
- Flexible
- Networking Capability
- History Log

PRODUCT OVERVIEW

The TSA-1000 is ideally suited for new and retrofit applications. Designed for small to medium commercial, industrial and institutional buildings, it meets and exceeds the current requirements. The base control panel contains 4 zones, 4 programmable outputs, horn output, dialer outputs, and 3 programmable relays.

Kentec Sigma CP
Fire Alarm Zone Panel

Product Code: 10487
Product Description: **Kentec Sigma CP Fire Alarm Zone Panel, 4 Zone (K11040M2)**

Product Code: 10488
Product Description: **Kentec Sigma CP Fire Alarm Zone Panel, 8 Zone (K11080M2)**

FEATURES

- Fully certified to BS EN54-2 and BS EN54-4
- 2-wire and standard version in 2, 4 or 8 Zones
- 2-wire repeaters and ancillary boards
- Fully programmable using simple menu options

PRODUCT OVERVIEW

The Sigma CP range of conventional Fire Control Panels are available with 2, 4 or 8 Zone Control Panels, which may be extensively configured via a simple front panel-operated programming method.

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Kentec Sigma A-CP
Fire Alarm Zone Panel

Product Code: 10661
Product Description: **Kentec Sigma A-CP Fire Alarm Zone Panel, 4 Zone (K1844-11)**

Product Code: 10662
Product Description: **Kentec Sigma A-CP Fire Alarm Zone Panel, 8 Zone (K1848-11)**

FEATURES

- UL864 Approved
- 2-wire and standard versions in 2, 4 or 8 Zones
- 2-wire repeaters and ancillary boards
- Fully programmable using simple menu options

PRODUCT OVERVIEW

The Sigma A-CP range of conventional Fire Control Panels with optional built-in communicator are available with 2, 4 or 8 initiating circuits which may be extensively configured via a simple front panel operated programming method.

Kentec Syncro AS
Analogue Addressable Fire Control Panel Argus Vega Protocol

Product Code: 10343
Product Description: **Kentec Synchro AS Analogue Addressable Fire Control Panel - Argus Vega Protocol, 1-Loop (V80161M2)**

Product Code: 10467
Product Description: **Kentec Synchro AS Analogue Addressable Fire Control Panel - Argus Vega Protocol, 2-Loops (V80162M2)**

FEATURES

- Certified to EN54-2 / EN54-4
- 16 zonal LED indicators, large graphic display
- Expandable from 1 to 2 Loops
- Up to 512 additional programmable I/O via Syncro I/O modules
- Stores 500 last events in event log

PRODUCT OVERVIEW

Syncro AS is a versatile range of open protocol fire alarm control panels compatible with existing Syncro fire alarm panel technology. Available with one or two detection loops capable of hosting up to 240 devices (Argus Vega). Suitable for all small to medium sized fire detection systems, Syncro AS control panels can be expanded and networked to become part of much larger systems. With its large graphical display and ergonomic button and indicator layout, the Syncro AS control panel is simple and straightforward to understand for installers, commissioning engineers and end users alike.

Elite RS
Analogue Addressable Fire Control Panel

Product Code: 10663
Product Description: **Elite RS Analogue Addressable Fire Control Panel, 1-Loop (K0810-10)**

Priduct Code: 10664
Product Description: **Elite RS Analogue Addressable Fire Control Panel, 2-Loop (K0820-10)**

FEATURES

- UL / FM Approved
- Large graphic display
- Powerful, network wide cause and effects (500 total)
- Stores 1000 last events in history log
- Can be networked with RS / Elite panels

PRODUCT OVERVIEW

Elite RS is a versatile range of open protocol fire alarm control panels. Available with one or two detection loops for a total of 250 primary points or 400 points using subpoints. Elite RS uses leading edge microprocessor based electronics to provide a flexible control system with high reliability and integrity. Suitable for all small to medium sized fire detection systems, Elite RS control panels can be expanded and networked to become part of much larger systems if the need arises, therefore providing a future proof solution for any installation.

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FirePro Marine
Fire Control Panel

Product Code: 10651
Product Description: **FirePro Marine Fire Control Panel (FPX103C)**

FEATURES

• MCA Approved
• Manual or automatic activation of aerosol generators
• Two 8A changeover relay circuits for external warning/shutdown circuits.
• Monitors status and time delay option
• Visual and audible warning of detector and extinguisher line faults

PRODUCT OVERVIEW

The FPX103C panel is used to monitor and control multiple fire detectors and FirePro generators as part of a marine engine fire protection system. It can support multiple combinations of up to four flame/smoke/overheat/linear heat detectors for 24V panel supply and up to two with a 12V panel supply. The maximum number of FirePro generators, which can be fitted per panel is four for a 24V panel supply and two for 12V panel supply. The fire protection system meets the requirements of the SOLAS and the Recreational Craft Directive/ISO9094 Parts 1 and 2.

FirePro Marine
Main Central Panel

Product Code: 10166
Product Description: **FirePro Marine Main Central Panel (FS12)**

FEATURES

• DNV Approved (A-12563), according to IMO MSC 1270
• Suitable for use in both small and large installations
• Redundant system
• System monitoring ensures detection of system faults
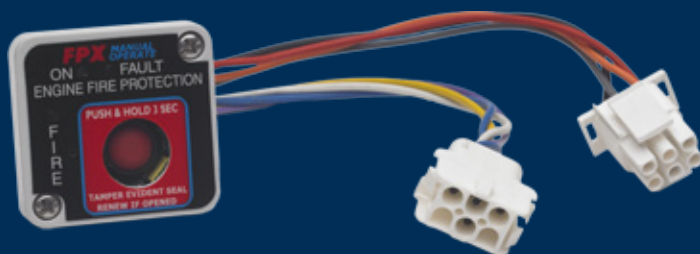• 1-Zone smoke detector input

PRODUCT OVERVIEW

The purpose of the FS12 system is to control and monitor a number of FirePro® aerosol generators mounted on a ship as part of a fire extinguishing systems.
The primary purpose of the FS12 system is to activate the aerosol generators in event of fire.

FirePro Vehicle
Control Panel

■

Product Code: 10167
Product Description: **FirePro Vehicle Control Panel (FPX106)**

FEATURES

- Supports a single loop of Linear Heat Sensor (LHS) or thermal switches.
- Supports single or multiple FirePro extinguisher units.
- Manual Fire Extinguisher Operate button with tamper evident seal.
- Designed to meet the requirements of 89/336/EEC (EMC Directive) and Automotive Directive 95/54/EC

PRODUCT OVERVIEW

This is a manually operated fire suppression system, which uses a linear heat cable detector fitted within the protected area. These linear heat cable detectors are used to detect heat produced by fire and also set temperatures classed as extreme for the protected area. The FirePro generators are only activated manually with human intervention via the electrical activation switch on the FPX106 panel. The FPX106 panel can operate multiples of FirePro generators: 12VDC maximum of 2 generators or 24VDC maximum of 4 generators. These are activated through wiring to a multiple activation connection block.

FirePro Vehicle Kit
Vehicle Fire Suppression System

■ **VEHICLE KIT**
Product Code: 10171
Product Description: **FirePro Vehicle Suppression Kit**

FEATURES

- Up to 4 Condensed Aerosol Generator units can be connected, supervised
- Detection Line supervision
- Panel, Releasing Line supervision
- LED Fault / Fire / Power indicators

PRODUCT OVERVIEW

This is a manually operated fire suppression system, which uses a linear heat cable detector fitted within the protected area. These linear heat cable detectors are used to detect heat produced by fire and also set temperatures classed as extreme for the protected area. The FirePro generators are only activated manualy with human intervention via the electrical activation switch on the FPX106 panel. The FPX106 panel can operate multiples of FirePro generators: maximum 2 at 12VDC, and maximum 4 at 24VDC. The Bus Kit includes a Vehicle Panel, a fuse box, Linear Heat Detector cables and supports, a Termination Box, a Junction Box, fireproof cables and supports, sundries, etc.

Section D

Fire Extinguishant
Controllers,
Sequential Activators,
Bulb Thermal
Actuators

FPC-1
Fire Detection and Extinguishant Controller

Product Code: 10161
Product Description: **FPC-1 Extinguishant Controller**

FEATURES

- 1 detection zone, supervised
- Operated by 4 alkaline batteries
- Up to 2 FirePro Generators, supervised
- 'Power On', 'Fire' and 'Fault' indicator

PRODUCT OVERVIEW

The Releasing Device FPC-1, operated by its own supervised power source enables monitoring, detection and automatic extinguishing of a fire in an electrical cabinet using the self-contained heat detector sensor or an external linear heat detection cable and two condensed aerosol fire extinguishing units

FPC-2
Fire Detection and Extinguishant Controller

Product Code: 10162
Product Description: **FPC-2 Extinguishant Controller**

FEATURES

- 1 detection zone, supervised
- Fire and Fault alarm relays
- Up to 4 FirePro Generators, supervised
- Internal Buzzer
- 'Power On', 'Fire' and 'Fault' indicator

PRODUCT OVERVIEW

The Releasing Device FPC-2 enables monitoring, detection and automatic extinguishing of a fire in an electrical cabinet using a linear heat detection cable or automatic smoke detectors and four condensed aerosol fire extinguishing units.

FPC-4
Fire Detection and Extinguishant Controller

Product Code: 10514
Product Description: **FPC-4RM Extinguishant Controller - Metal Case**

Product Code: 10448
Product Description: **FPC-4R Extinguishant Controller- Plastic Case**

FEATURES

- 2 detection zones, not supervised
- Operated by one 3V, CR2 Lithium battery
- Fire alarm relay
- Up to 2 FirePro Generators, not supervised

PRODUCT OVERVIEW

The Releasing Device FPC-4 is capable of detecting fire by using the linear heat detector cable and activating the condensed aerosol fire extinguishing units automatically in an electrical cabinet.

FirePro-Kentec
Sequential Activator

Product Code: 10173
Product Description: **FirePro-Kentec Sequential Activator - Standard Box (FP-SA/GEN3.0)**

Product Code: 10486
Product Description: **FirePro-Kentec Sequential Activator - Larger Box (FP-SA/GEN3.0M8)**

FEATURES

- UL Approved
- Up to 2 FirePro Generator units, supervised
- Extinguishing Panel, Releasing Line supervision
- LED 'Fault' indicator

PRODUCT OVERVIEW

Provide connections from the FirePro Sequential Activator to the Sigma XT, Sigma A-XT, Sigma XT+ Fire Control Panels and the Sigma XT+ ECU devices using four-conductor cabling. A maximum of 20 FirePro Sequential Activators can be connected to each extinguishing line.

FPC-5
Extinguishant Controller

FEATURES

- 1 detection zone, supervised
- Operated by one 3V, CR2 Lithium Battery
- 1 Aerosol Generator, not supervised

PRODUCT OVERVIEW

The FPC-5 Fire Detection and Actuation Module consists of a control unit, mounted in a metal housing, which can be interfaced to any condensed aerosol fire extinguishing unit. It is capable of detecting fire by using the linear heat detector cable or bimetallic sensor and activating the condensed aerosol fire extinguishing unit automatically in an electrical cabinet.

For Generators FP-20 / 40 / 80

Product Code: 10560
Product Description: **FPC-5 Fire Extinguishant Controller for FP-20/ 40/ 80 with Gland for LHD Cable**

Product Code: 10557
Product Description: **FPC-5 Fire Extinguishant Controller for FP-20/ 40/ 80 with Bimetallic Sensor at 60°C**

Product Code: 10563
Product Description: **FPC-5 Fire Extinguishant Controller for FP-20/ 40/ 80 with Bimetallic Sensor at 70°C**

Product Code: 10564
Product Description: **FPC-5 Fire Extinguishant Controller for FP-20/ 40/ 80 with Bimetallic Sensor at 80°C**

Product Code: 10565
Product Description: **FPC-5 Fire Extinguishant Controller for FP-20/ 40/ 80 with Bimetallic Sensor at 100°C**

For Generators FP-100S / 200S / 500S

Product Code: 10561
Product Description: **FPC-5 Fire Extinguishant Controller for FP-100S/ 200S/ 500S with Gland for LHD Cable**

Product Code: 10558
Product Description: **FPC-5 Fire Extinguishant Controller for FP-100S/ 200S/ 500S with Bimetallic Sensor at 60°C**

Product Code: 10566
Product Description: **FPC-5 Fire Extinguishant Controller for FP-100S/ 200S/ 500S with Bimetallic Sensor at 70°C**

Product Code: 10567
Product Description: **FPC-5 Fire Extinguishant Controller for FP-100S/ 200S/ 500S with Bimetallic Sensor at 80°C**

Product Code: 10568
Product Description: **FPC-5 Fire Extinguishant Controller for FP-100S/ 200S/ 500S with Bimetallic Sensor at 100°C**

For Generators FP-1200 / 2000 / 3000 / 4200 / 5700

Product Code: 10562
Product Description: **FPC-5 Fire Extinguishant Controller for box-type Generators with Gland for LHD Cable**

Product Code: 10559
Product Description: **FPC-5 Fire Extinguishant Controller for box-type Generators with Bimetallic Sensor at 60°C**

Product Code: 10569
Product Description: **FPC-5 Fire Extinguishant Controller for box-type Generators with Bimetallic Sensor at 70°C**

Product Code: 10570
Product Description: **FPC-5 Fire Extinguishant Controller for box-type Generators with Bimetallic Sensor at 80°C**

Product Code: 10571
Product Description: **FPC-5 Fire Extinguishant Controller for box-type Generators with Bimetallic Sensor at 100°C**

FirePro-Telefire
Sequential Activator for 2 Aerosol Generators

Product Code: 10500
Product Description: **FirePro-Telefire Sequential Activator for 2 Aerosol Generators (TLA-42C)**

FEATURES

- Condensed Aerosol Generator units supervision
- Extinguishing Panel, releasing line supervision
- LED 'Fault' indicator
- Two wire connection

PRODUCT OVERVIEW

The TSA-200X can sequentially activate two FirePro Condensed Aerosol units via a TLA-42C Sequential Extinguishing adapter. It is possible to connect up to 10 adapters (20 FirePro Condensed Aerosol units) via the TLA-42C extinguishing adapters.
The TLA-42C module is intended to work with FirePro Aerosol units activation is sequential (not simultaneous) to all FirePro Condensed Aerosol units connected to the TLA-42C.

FirePro-Telefire
Activation Card for 4 Aerosol Generators

Product Code: 10501
Product Description: **FirePro-Telefire Activation Card for 4 Aerosol Generators (TLA-44)**

FEATURES

- Condensed Aerosol Generator units supervision
- Extinguishing Panel, releasing line supervision
- LED 'Fire' indicator
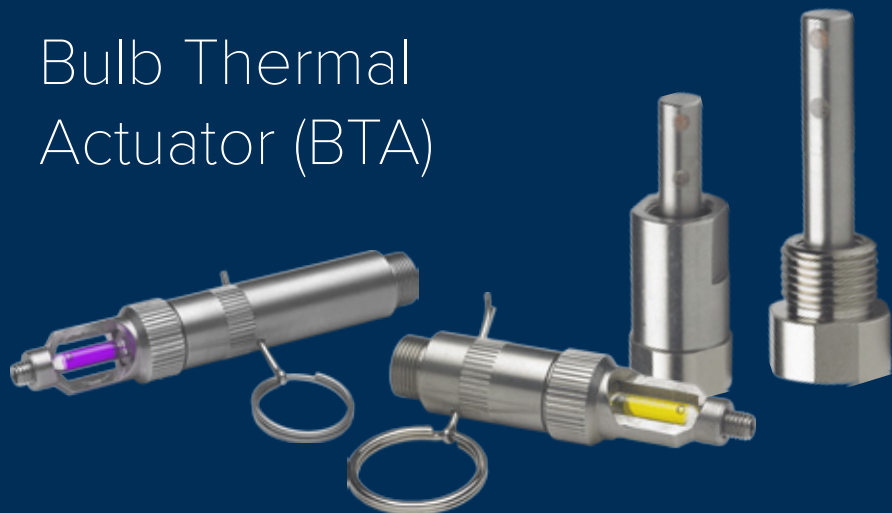- Two wire connection

PRODUCT OVERVIEW

The TSA-200X panel can activate four FirePro Condensed Aerosol units via a TLA-44 extinguishing adapter. It is available in two configurations that allow for connecting either a single module or up to four modules.
TLA-44/1 - Single Module
TLA-44/4 - Four Modules
Activation is simultaneous to all Aerosol deviced connected to the TLA-44.

FirePro. Product Catalogue

FirePro.

Bulb Thermal Actuator (BTA)

FEATURES

- According to BSEN12259, UL199, LPCB 291a/02
- Temperature rating 57°C, 68°C, 79°C, 93°C, 141°C, 182°C
- 5mm diameter frangible glass bulb

PRODUCT OVERVIEW

The activation of the FirePro condensed aerosol unit is achieved thermally by the use of the Bulb Thermal Actuator (BTA), which consists of two parts: the Bulb Holder and the Activator.

During operation, the liquid within the bulb will expand until the required operational temperature is reached. At this point, the bulb will burst, allowing the thermal mechanism to actuate the FPC Solid Compound in the the Condensed Aerosol Generator.

There are two models of the BTA: the short type used by the cylindrical types of Condensed Aerosol Fire Extinguishing units, and the long type used by the box type Condensed Aerosol Fire Extinguishing units.

Short BTA
For Generators FP-20T / 20TH / 40T / 80T / 100S / 200S / 500S

◾ 57°C
Product Code: 10549
Product Description: **Bulb Thermal Actuator Short for cylindrical-type Generators at 57°C**

◾ 68°C
Product Code: 10550
Product Description: **Bulb Thermal Actuator Short for cylindrical-type Generators at 68°C**

◾ 79°C
Product Code: 10551
Product Description: **Bulb Thermal Actuator Short for cylindrical-type Generators at 79°C**

◾ 93°C
Product Code: 10552
Product Description: **Bulb Thermal Actuator Short for cylindrical-type Generators at 93°C**

◾ 141°C
Product Code: 10553
Product Description: **Bulb Thermal Actuator Short for cylindrical-type Generators at 141°C**

◾ 182°C
Product Code: 10271
Product Description: **Bulb Thermal Actuator Short for cylindrical-type Generators at 182°C**

Long BTA
For Generators FP-1200T / 2000T / 3000T / 4200T / 5700T / 1200TS / 2000TS / 3000TS / 4200TS / 5700TS

◾ 57°C
Product Code: 10599
Product Description: **Bulb Thermal Actuator Long for box-type Generators at 57°C**

◾ 68°C
Product Code: 10600
Product Description: **Bulb Thermal Actuator Long for box-type Generators at 68°C**

◾ 79°C
Product Code: 10601
Product Description: **Bulb Thermal Actuator Long for box-type Generators at 79°C**

◾ 93°C
Product Code: 10602
Product Description: **Bulb Thermal Actuator Long for box-type Generators at 93°C**

◾ 141°C
Product Code: 10603
Product Description: **Bulb Thermal Actuator Long for box-type Generators at 141°C**

◾ 182°C
Product Code: 10604
Product Description: **Bulb Thermal Actuator Long for box-type Generators at 182°C**

Section E

Cables &
Accessories

Ramcro Fire Resistant Cables

■ Cable 2x1 mm
Product Code: 10247
Product Description: **Fire Resistant Cable 2x1 mm (RAMCRO-F3)**

■ Cable 4x1 mm
Product Code: 10248
Product Description: **Fire Resistant Cable 4x1 mm (RAMCRO-F3)**

■ Armoured Cable 2x1 mm
Product Code: 10249
Product Description: **Armoured Cable 2x1 mm (RAMCRO)**

FEATURES

- LPCB (568a/01) and UL 13 (QPTZ.E345186) Approved
- Conductors: Solid (Class 1). Copper conductor to BS EN 60228
- Outer Sheath: LSZH Sheath type LTS3, Max HCL emission @ 800C
- Core identification: Following BS 7629: 1997, 2 cores + drain wire

PRODUCT OVERVIEW

These special multi-core cables are used for fire resistance and circuit integrity and essentially to prevent life from smoke and noxious fumes and where sensitive equipment may be damaged by acid forming gases.

Cable Glands

■
Product Code: 10063
Product Description: **Cable Glands Nickel Plated M16**

■
Product Code: 10064
Product Description: **Cable Glands Nickel Plated M20**

FEATURES

- EN50262 Approved
- Tapered rings
- Santoprene rubber seal (Polyolefin) for IP68 protection

PRODUCT OVERVIEW

Glands for use with screened cable are designed to connect the screen of the cable to the enclosure screening system.

Aluminium Cable Clip

■
Product Code: 10153
Product Description:
Self Adhesive Aluminium Cable Clip 6mm

■
Product Code: 10154
Product Description:
Self Adhesive Aluminium Cable Clip 6mm

FEATURES

- Self-adhesive
- Light and flexible
- Forms strong bond with any smooth surface such as metal, plastic, glass, wood, etc.

PRODUCT OVERVIEW

Self-adhesive aluminium clips which provide a quick and economical solutions to various wiring problems.

Magnet with threaded stem

■
Product Code: 10640
Product Description: **Mounting Magnet for cylindrical-type Generators (GTN-25)**

FEATURES

- Material: NdFeB
- Coating: Nickel-plated
- Steel: Q235
- Magnetisation: N42

PRODUCT OVERVIEW

Magnets will substitute the screws necessary for installing / fixing the cylindrical FirePro Fire Extinguishing Condensed Aerosol units. The magnets can be used for the mounting of all cylindrical FirePro Generators

---

Termination Box

■
Product Code: 10491
Product Description:
LHD Cable Termination Box (MK1282 Termination Box)

FEATURES

- End of line termination box for fire resistant cables and linear heat detector cables.

PRODUCT OVERVIEW

The MK1282 termination box is suitable for terminating the linear heat detector cable and contributes in the prevention of unwanted short circuits by preventing cable exposure to the installation environment.

Simulation Lamp

■
Product Code: 10332
Product Description:
Simulation Lamp (B3441 / 24V, MES 1.2W)

FEATURES

- FirePro Generator simulation lamp

PRODUCT OVERVIEW

Simulates the characteristics of the Condensed Awerosol Generator unit. Suitable for system commissioning and system maintenance.

3VDC Battery

Product Code: 10524
Product Description:
3VDC Battery CR2-BL1

FEATURES

- UL Approved
- Chemical System: Lithium / Manganese Dioxide (Li/MnO2)
- Designation: IEC-CR2
- Operating Temperature: -40°C to 60°C
- Typical Capacity: 800 mAh (to 2.0 volts)
- Max Discharge: 1000 mA continuous (2500 mA pulse)

PRODUCT OVERVIEW

The CR2 Battery can be used with the FPC-4RM and FPC-5 units.

7A/H 12V Battery

Product Code: 10199
Product Description:
**7A/H 12V Battery
24-107F PS7.5L-12**

FEATURES

- UL Approved (BAZR2.MH28792)
- Classification: "SAL"
- Nominal Voltage: 12.0 Volts
- Typical Capacity: 7.5Ah
- Max Discharge: 113A/5S

PRODUCT OVERVIEW

The sealed lead acid batteries provide standby power to the fire alarm and extinguishant control panels in the event of mains failure.

Section F

Detection,
Warning Devices,
Manual Call Points &
Power Supply Units

Manual Extinguishant Disablement Switch

Product Code: 10515
Product Description: **Manual Extinguishant Disablement Switch (VF1832-10)**

FEATURES

- UL (UOXX.S24832) Approved

PRODUCT OVERVIEW

The Manual Extinguishant Disablement Switch has been designed to support UL 2775 and can be interfaced with the Sigma Series extinguishant panels.

Abort Switch Surface Mount

Product Code: 10423
Product Description: Abort Switch Surface Mount (VF1823-10)

FEATURES

- UL (UOXX.S24832) Approved
- Red hold SW

PRODUCT OVERVIEW

The abort switch can be interfaced with the Sigma Series extinguishant panels.

Conventional 6-inch Base for Detector

Product Code: 10637
Product Description:
Conventional 6-inch Base for Detector (VF2051-00)

FEATURES

- UL (UROX.S6661) Approved
- Contains a security locking tab for tamper protection
- Alarm Current: 93mA (136mA @ 33V max.)
- SLC Loop Idle Current: 110 µA
- Compatibility Identifier: HB-3

PRODUCT OVERVIEW

The VF2051 Series is designed specifically for use with VES Conventional Models VF2032 Photoelectric Smoke Detector, VF2020 Fixed Temperature / Rate-of-Rise Heat Detector.
The Base is an electronics-free 6" base featuring a plastic tamper-lock lug. Each base is equipped with a resistor.

Conventional Photo Electric Smoke Detector

Product Code: 10638
Product Description:
Conventional Photo Electric Smoke Detector (VF2032-00)

FEATURES

- FM & UL (UROX.S6661) Approved
- Low Profile - 1.8" high (with base)
- Highly stable operation, RF / Transient protection
- Low standby current, 45µA at 24VDC
- Two built-in power / alarm LEDs

PRODUCT OVERVIEW

The VF2032 photoelectric smoke detector utilizes two bi-colored LEDs for indication of status. In a normal standby condition the LEDs flash green every 3 seconds. When the detector senses smoke and goes into alarm the status LEDs will turn red.

Conventional Heat Detector

Product Code: 10639
Product Description:
Conventional Heat Detector (VF2020-00)

FEATURES

- FM & UL (UQGS.S6660) Approved
- Choice of fixed temperature / rate-of-rise 135°C
- Low standby current, 35µA nominal
- Two built-in power / alarm LEDs for 360° viewing
- Power / alarm LEDs confirm detector status

PRODUCT OVERVIEW

The VF2020 fixed temperature / rate-of-rise heat detectors are suited to detect the presence of slow or fast rising temperatures to burning combustibles. They are also suited for installation where high heat output fires are expected or in areas where ambient conditions would not allow use of other detection methods.

Fire Alarm Bell

Product Code: 10424
Product Description:
Fire Alarm Bell (GB6-24)

FEATURES

- UL (ULSZ.S3406) Approved
- Meets UL464 requirements
- High dbA output
- Electrical box UL listed for outdoor use
- Available in red metal finish

PRODUCT OVERVIEW

The GB Series provide the durable and dependable operation required for life safety alarm systems. The GB Series is available in 6" housing and listed for indoor and outdoor applications. Bells must be used with the GBBB box for outdoor use.

Horn Strobe

Product Code: 10446
Product Description:
Horn Strobe (GEC24-15/75WR)

FEATURES

- UL (UVAV.S3834) Approved
- Synchronize strobe and/or horn with Gentex AVSM Control Module
- Switch selection for high or low dBA
- Switch for chime, whoop, mechanical and 2400Hz tone
- Surface mount with the GSB (Gentex Surface Mount Box)

PRODUCT OVERVIEW

The Gentex GEC24-125/75WR Low-frequency Horn Strobe (red) offers dependable audible and visual alarms, a low current draw, and a minimum flash rate of 1 Hz regardless of input voltage.

Gas Release Sign

Product Code: 10227
Product Description:
Gas Release Sign (FL-24)

Product Code: 10226
Product Description:
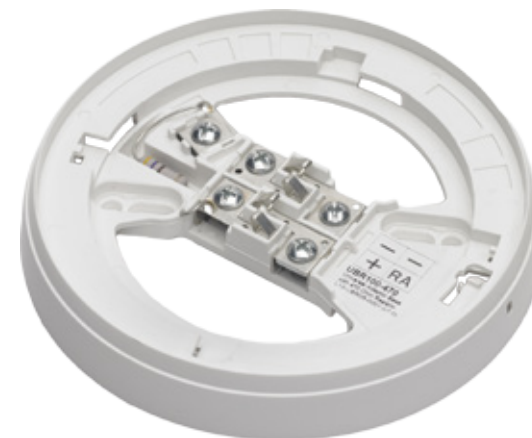**Gas Release Sign -
Waterproof (FL-65)**

FEATURES

- Operating voltage: 12-24V DC
- Current consumption: 70mA
- Material of construction: PC/ABS
- FL-65 IP rate: IP42

PRODUCT OVERVIEW

Alarm light of an operating voltage of 12-24V DC for connection to extinguishing panel. It is equipped with 4 LEDs as a light source and provides a hgh light performance with especially low consumption. The packaging also includes a 'STOP GAS' sticker. A weatherproof version is also available with a protection rate of IP42. The product is compliant to the European Standard EN54.

Conventional Base for Detector

Product Code: 10192
Product Description:
**Conventional Base
for Detector (UBR100)**

FEATURES

- LPCB (928e) & VDS Approved
- Secure and reliable cable termination
- A useful terminal provides remote indicator output
- Low insertion force for detector
- Operating voltage 12-24V DC

PRODUCT OVERVIEW

The UB100 Series is designed specifically for use with the conventional Model S1000 Photoelectric Smoke Detector, S3500 Fixed Temperature / Rate-of-rise Heat Detector. Available with deep base (DBS100) and relay base (BLR100)

Conventional Smoke Photo Detector

Product Code: 10193
Product Description:
Conventional Optical Smoke Detector (S1000)

FEATURES

- LPCB (928e) & VDS Approved
- Central LED providing 360° visibility
- Operating voltage 10-30V DC
- Low standby current: 60µA at 24V DC
- Built-in alarm LED

PRODUCT OVERVIEW

This type of detector continuously samples the air in the protected area to provide the earliest warning of fire and yet offers a high level of false alarm rejection. This devide benefits from a "Double Dust Trap" incorporated into the design of the smoke entry ports, hence limiting potential contamination and extending periods between maintenance without compromising sensitivity of response. These detectors are designed for open area protection and must only be connected to conventional control panels.

FirePro. Product Catalogue

Conventional Thermal Detector Rate-of-rise

Product Code: 10195
Product Description:
Conventional Thermal Detector Rate-of-rise (S3500A1R)

FEATURES

- LPCB (928e) & VDS Approved
- Central LED providing 360° visibility
- Operating voltage 10-30V DC
- Low standby current: 60µA at 24V DC
- Built-in alarm LED

PRODUCT OVERVIEW

The S3500A1R conventional thermal detector is designed to detect fire conditions from rate-of-rise temperature and provide high immunity to false alarms. This type of detector continuously samples the temperature variation in the protected area to provide the earliest warning of fire and yet offers a high level of false alarm rejection. These detectors are designed for open area protection and must only be connected to conventional control panels.

Conventional Thermal Detector (HT)

Product Code: 10194
Product Description:
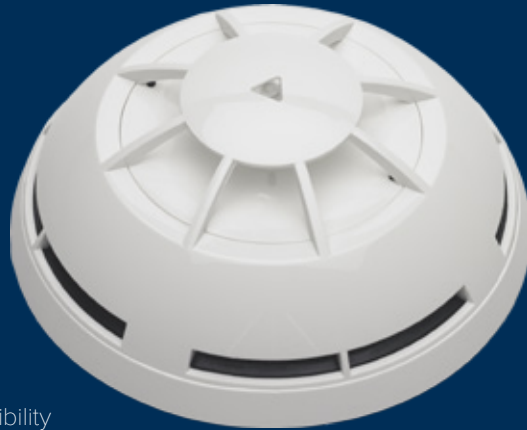**Conventional Thermal Detector Heat (S3500/B)**

FEATURES

- LPCB (928e) & VDS Approved
- Central LED providing 360° visibility
- Operating voltage 10-30V DC
- Low standby current: 60µA at 24V DC
- Built-in alarm LED

PRODUCT OVERVIEW

The S3500/B Conventional Thermal Detector is designed to detect fire conditions from fixed temperature thermal conditions and provide high immunity to false alarms. This type of detector continuously samples the temperature variation in the protected area to provide the earliest warning of fire and yet offers a high level of false alarm rejection. These detectors are designed for open area protection and must only be connected to conventional control panels. These detectors are designed for open area protection and must only be connected to conventional control panels.

Linear Heat Detection Cable

Product Code: 10244
Product Description: **Linear Heat Detection Cable TH68°C (TH68N)**

Product Code: 10245
Product Description: **Linear Heat Detection Cable TH88°C (TH88N)**

Product Code: 10246
Product Description: **Linear Heat Detection Cable TH105°C (TH105N)**

FEATURES

- FM, UL & ATEX Approved
- Low cost and fast response
- Not affected by RFI or EMC
- Not restricted by local ambient temperatures
- Section replacement of sensor cable after alarm

PRODUCT OVERVIEW

Linear Heat Detection Cables are manifactured as two twisted and tensioned tin-plated copper-coated steel conductors. Around each conductor is extruded temperature sensitive material which softens at its pre-determined temperture, and the conductors come together to produce the required alarm signal.
Sensor cables are suitable for use within dirty, dusty, damp environments, areas of limired access and surveillance. As a combined cable and detector, the sensor cable can be installed close to the risk or at ceiling or roof height.

Linear Heat Detector Interface Unit

■
Product Code: 10665
Product Description: **Linear Heat Detector Interface Unit ZI-01 1 Channel**

■
Product Code: 10650
Product Description: **Linear Heat Detector Interface Unit ZI-02 2 Channel**

■
Product Code: 10666
Product Description: **Linear Heat Detector Interface Unit ZI-07 Host Unit**

FEATURES

• FM, UL & ATEX Approved
• Color-coded LCD Display
• Solid state volt-free contacts for Alarm & Fault signalling
• Connection to 2000m / 6500ft Proline TH Sensor Cable
• MTBF of more than 5,000,000 hours

PRODUCT OVERVIEW

With almost all Industrial alarm conditions able to be detected as an overheat (pre-fire / nil flame) situation, accurate Alarm Point Location feature (which can be repeated onto any customer control panel) assists with rapid alarm identification, helping prevent the progression of the alarm condition to a combustible level.

ReSet

■
Product Code: 10187
Product Description: **ReSet Isolation Switch Blue (RPBS11CL)**

■
Product Code: 10365
Product Description: **ReSet Release Button Yellow (RPYS11CL)**

■
Product Code: 10396
Product Description: **ReSet Abort Button Green (RPYS11CL)**

FEATURES

• Positive activation that mimics the feel of breaking glass
• Visible warning flag confirms activation
• Simple key to reset operating element
• No glass elements to break, lose or incorrectly fit during installation
• Doube pole version

PRODUCT OVERVIEW

The ReSet is a unique switch that mimics the feel of breaking glass while offering the benefits and environmental advantages of a resettable operating element. It uses a simple yet ingenious patented mechanism which consists of a rigid plastic operating element and an over center spring mechanism. This arrangement provides real action upon operation and simulates break glass activation.
An activation indicator drops into view at the top of the window after the ReSet has been operated. The unit is then simply reset with a key and is again ready for use.

Fire Alarm Bell
6 Inch

Product Code: 10200
Product Description: **Fire Alarm Bell 6 Inch (MBM246)**

FEATURES

- High sound output
- Low current consumption
- Simple Installation
- Multi-fixing base plate

PRODUCT OVERVIEW

All internal bells incorportate highly efficient rotary centrifugal movements combining high sound output with low current consumption.

Flashni
External Sounder Beacon

Product Code: 10207
Product Description: **External Sounder Beacon 18-30V DC (Flashni)**

Product Code: 10417
Product Description: **External Sounder Beacon 12V DC (Flashni)**

FEATURES

- High output sounder beacon
- Automatic sounder synchronisation
- Choice of lens / sounder color
- Base compatible with RoLP & Solex beacons
- Lockable base

PRODUCT OVERVIEW

The Flashni is an audible and visual device which requires a single installation point. This greatly reduced installaiton and costs and is much less obtrusive than two separate devices.
Versions available with sounder and beacon linked or with separate terminals for independent operation.

Roshni Low Profile Electronic Sounder

■

Product Code: 10209
Product Description: **Low Profile Electronic Sounder - Roshni (MWS423)**

LPCB

FEATURES

- LPCB Approved(378b/02)
- High sound output
- Low current consumption
- 32 tones (user selectable)
- Second tone for two-stage alarms
- Lockable base

PRODUCT OVERVIEW

The Roshni Low Profile (RoLP) is the fire alarm market's leading conventional sounder, although it finds uses in much wider applications such as security, general signaling and process alarms. The wide operating voltage and range of tones available to the user make this flexible sounder supremely adaptable in even its most basic forms.

Speech Dialler

■

Product Code: 10196
Product Description:
Speech Dialer (SD1+)

■

Product Code: 10198
Product Description:
Speech Dialer (SD3+)

FEATURES

- Works in conjunction with all quality control panels
- 8-character Starburst LCD display
- Up to 40 seconds recording time
- Integral microphone and loudspeaker
- Call abort

PRODUCT OVERVIEW

The SD1+ sends pre-recorded voice messages over a conventional telephone line whenever external equipment triggers one of its four inputs. Any equipment that has a voltage-free contact as an output can provide an input to the unit. Each input (A, B, C, D) triggers the corresponding message A, B, C or D.
The SD3+ can communicate via PSTN line, a GSM network or both together, with the user's option of which one should dial out first. The unit is fully self-programmable letting you enter up to 10 contact numbers, select the type of message (voice or SMS), which should go to each, and allowing you to store spoken or text messages to suit your requirements.

Kentec
Boxed Power Supply Unit

Product Code: 10518
Product Description:
Kentec Boxed Power Supply Unit 2.5A 24V (K25250M2)

FEATURES

- BSI Approved (KM 73505) LPCB Approved
- Chassis only or enclosure mounted with battery space
- 230V input
- Regulated, true 24V output
- House up to 7Ah batteries
- Status indicators for monitored faults

PRODUCT OVERVIEW

Syncro Power fully certified to EN54-4 power supplies provide a stable and fully regulated, true 24V output for fire alarm system applications under all power conditions.

The unique regulation techniques ensure that even when running on standby batteries, a stable 24V supply is available to all parts of the system, ensuring that all 24V powered devices connected are supplied with optimum power.

Power Supply

Product Code: 10314
Product Description:
Power Supply Unit 2.5A 24V Unboxed (82425S)

FEATURES

- IMQ-CSV Certified according to UNI EN60950
- Reduced size
- High efficiency
- Recharge Pb batteries
- Available output current: 1.5A, 2.5A, 5A

PRODUCT OVERVIEW

Switching Power Supply Unit with 27.6 Vcc outout voltage available with output current 2.5A. High efficiency and minimum heat losses, thanks to the switching technology. The unit is protected from overloads, polarity reversals and short circuits.
The mains presence is indicated by a green coloured LED. Specifically recommended in systems that require small to medium-size power supply units or case suited to accommodate concentrators or junction boxes.
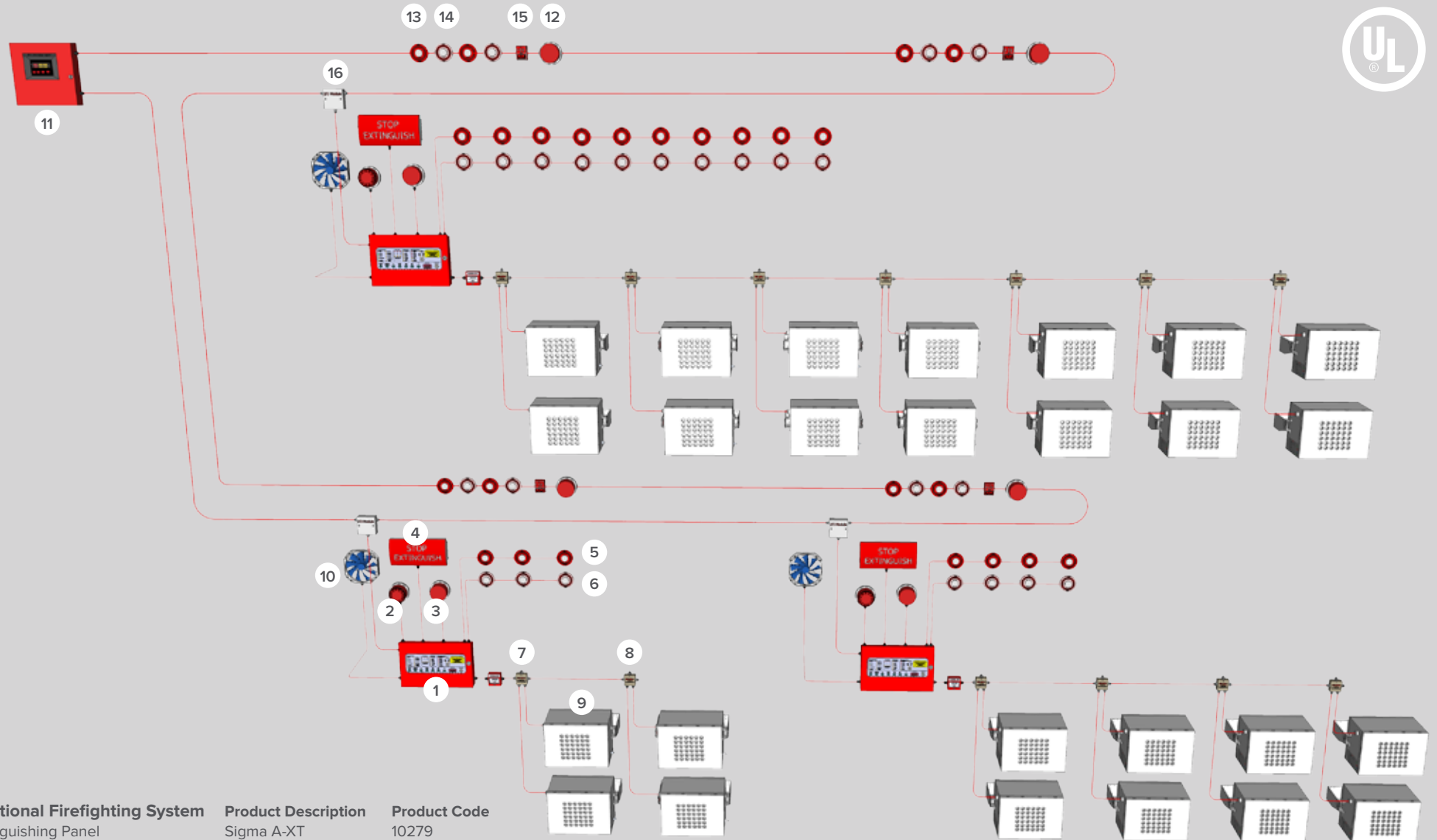It is useful for the supply of panels, sounders and bells.

Total Flooding
Pre-engineered
System Design

Conventional Firefighting System | **Product Description** | **Product Code**

1. Extinguishing Panel — Sigma A-XT — 10279
2. 1st Stage Sounder — GB6-24 — 10424
3. 2nd Stage Sounder — GEC24-15/75WR — 10446
4. Extinguishing Release Indication — FL-24 — 10227
5. Zone 1, Smoke Detectors — VF2032-00 — 10638
6. Zone 2, Heat Detectors — VF2020-00 — 10639
7. System Isolation Switch — VF1832-10 — 10515
8. Interface units — FP-SA/GEN3.0 — 10173
9. Aerosol Generators — FP-3000S — 10393
10. Extractor Fan

Addressable Fire Alarm System

11. Addressable Fire Alarm Panel
12. Sounder
13. Smoke Detectors
14. Heat Detectors
15. Manual Call Points
16. Input / Output supervise module

Optional integration with addressable fire alarm system

STOP EXTINGUISH

Conventional Firefighting System

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FirePro.

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"FirePro's complete
system solutions,
bespoke service
and superior
quality provide
a measurable
advantage."

Fire

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