# FirePro.

Product
Catalogue

# A Complete Solution Portfolio

FirePro delivers a broad range of fire suppression systems and solutions for a multitude of applications across various industries. FirePro's state of the art condensed aerosol generators are matched with certified monitoring panels, controllers, detection systems, alarms and all other related accessories. Moreover, technical brochures, manuals and software tools accompany each generator and system installation. In addition, we provide constant after-sales technical support and training where required.

## 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 condensed aerosol technology is Listed by the US Environmental Protection Agency (EPA) as a suitable substitute for ozone depleting substances due to its zero ozone-depletion potential.

## Cost Effective & Practical

FirePro systems are pre-engineered and require minimal maintenance costs throughout their 15-year certified product life. Their compact design makes them an ideal solution for even the most technically challenging projects.

## Support & Expertise

In the highly regulated market of fire suppression, 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 currently protects key assets in more than 110 countries worldwide.

# FirePro.  Product Catalogue
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# Section A

FirePro Fire
Extinguishing
Generators for Fixed
Installations

# FP-20

## ◼ FP-20T

**Product Code:** 10620
**Product Description:**
• FirePro Fire Extinguishing
  Generator FP-20T
**Features:**
• UL, KIWA & BSI Certified

## ◼ FP-20TH

**Product Code:** 10649
**Product Description:**
• FirePro Fire Extinguishing
  Generator FP-20TH
**Features:**
• KIWA & BSI Certified

## TECHNICAL INFORMATION

| Model | FP-20T / FP-20TH |
|---|---|
| Activation method | • Electrical (FP-20T)<br>• Thermal (FP-20TH) |
| Weight (gross) | 310g (excluding bracket) |
| Mass of FPC compound | 20 g |
| Operational discharge time | 5 - 10 seconds |
| Dimensions (Diameter : Height) | 32 mm : 180 mm (incl. connector housing) |
| Fire class | EN 2: A, B, C, F  -  NFPA 10: A, B, C |

Generators are provided complete with brackets

# FP-40



## ■ FP-40T

**Product Code:** 10609

**Product Description:**
- FirePro Fire Extinguishing Generator FP-40T

**Features:**
- UL, KIWA & BSI Certified

## TECHNICAL INFORMATION

| Model | FP-40T |
|---|---|
| Activation method | • Electrical<br>• Thermal |
| Weight (gross) | 620 g (excluding bracket) |
| Mass of FPC compound | 40 g |
| Operational discharge time | 5 - 10 seconds |
| Dimensions (Diameter : Height) | 51 mm : 155 mm (incl. connector housing) |
| Fire class | EN 2: A, B, C, F  -  NFPA 10: A, B, C |

Generators are provided complete with brackets

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# FP-80

**Product Code:** 10617
**Product Description:**
• FirePro Fire Extinguishing Generator FP-80T
**Features:**
• UL, KIWA & BSI Certified

## TECHNICAL INFORMATION

| Model | FP-80T |
|---|---|
| Activation method | • Electrical<br>• Thermal |
| Weight (gross) | 830 g (excluding bracket) |
| Mass of FPC compound | 80 g |
| Operational discharge time | 5 - 10 seconds |
| Dimensions (Diameter : Height) | 51 mm : 200 mm (incl. connector housing) |
| Fire class | EN 2: A, B, C, F  -  NFPA 10: A, B, C |

Generators are provided complete with brackets

Product Catalogue  **FirePro.**

# FP-100

## ■ FP-100S

**Product Code:** 10140
**Product Description:**
• FirePro Fire Extinguishing Generator FP-100S
**Features:**
• UL, KIWA, MED & BSI Certified

## TECHNICAL INFORMATION

| Model | FP-100S |
|---|---|
| Activation method | • Electrical<br>• Thermal |
| Weight (gross) | 1,370 g (excluding bracket) |
| Mass of FPC compound | 100 g |
| Operational discharge time | 5 - 10 seconds |
| Dimensions (Diameter : Height) | 84 mm : 155 mm (incl. connector housing) |
| Fire class | EN 2: A, B, C, F  -  NFPA 10: A, B, C |

Generators are provided complete with brackets

Product Catalogue **FirePro.**

# FP-200

## ■ FP-200S

**Product Code:** 10142
**Product Description:**
• FirePro Fire Extinguishing Generator FP-200S
**Features:**
• UL, KIWA, MED & BSI Certified

## TECHNICAL INFORMATION

| Model | FP-200S |
|---|---|
| Activation method | • Electrical<br>• Thermal |
| Weight (gross) | 1,840 g (excluding bracket) |
| Mass of FPC compound | 200 g |
| Operational discharge time | 5 - 10 seconds |
| Dimensions (Diameter : Height) | 84 mm : 185 mm (incl. connector housing) |
| Fire class | EN 2: A, B, C, F  -  NFPA 10: A, B, C |

Generators are provided complete with brackets

Product Catalogue **FirePro.**

# FP-500

## ■ FP-500S

**Product Code:** 10145
**Product Description:**
• FirePro Fire Extinguishing Generator FP-500S
**Features:**
• UL, KIWA, MED & BSI Certified

## TECHNICAL INFORMATION

| Model | FP-500S |
|---|---|
| Activation method | • Electrical<br>• Thermal |
| Weight (gross) | 3,340 g (excluding bracket) |
| Mass of FPC compound | 500 g |
| Operational discharge time | 5 - 10 seconds |
| Dimensions (Diameter : Height) | 84 mm : 295 mm (incl. connector housing) |
| Fire class | EN 2: A, B, C, F  -  NFPA 10: A, B, C |

Generators are provided complete with brackets

Product Catalogue **FirePro.**
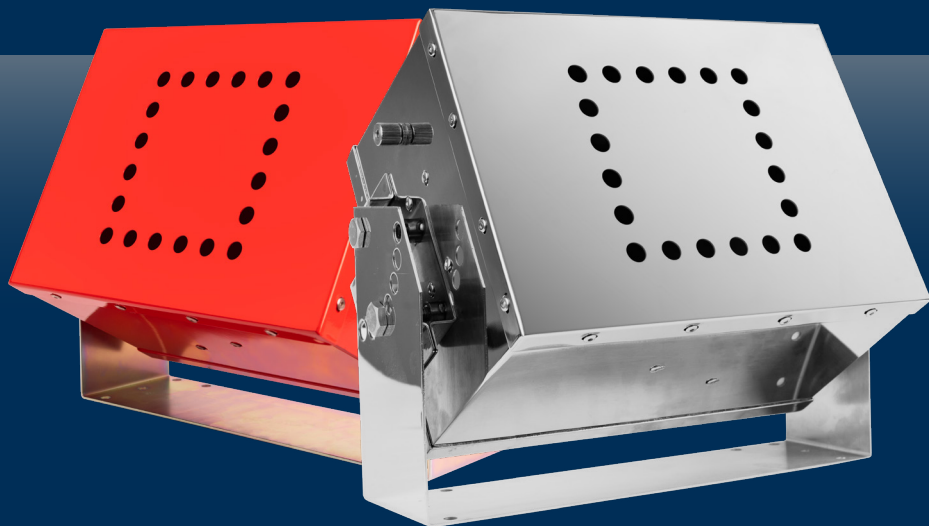
# FP-1200

## ■ FP-1200

**Product Code:** 10147
**Product Description:**
- FirePro Fire Extinguishing Generator FP-1200

**Features:**
- LPCB, UL, KIWA, MED & BSI Certified
- Carbon steel, red-coated casing

## ■ FP-1200T

**Product Code:** 10316
**Product Description:**
- FirePro Fire Extinguishing Generator FP-1200T

**Features:**
- LPCB, UL, KIWA & BSI Certified
- This model can be activated thermally (optional)
- Carbon steel, red-coated casing

## ■ FP-1200S

**Product Code:** 10395
**Product Description:**
- FirePro Fire Extinguishing Generator FP-1200S

**Features:**
- LPCB, UL, KIWA, MED & BSI Certified
- Stainless steel casing

## ■ FP-1200TS

**Product Code:** 10622
**Product Description:**
- FirePro Fire Extinguishing Generator FP-1200TS

**Features:**
- LPCB, UL, KIWA & BSI Certified
- This model can be activated thermally (optional)
- Stainless steel casing

## TECHNICAL INFORMATION

| | |
|---|---|
| **Model** | FP-1200 / FP-1200S / FP-1200T / FP-1200TS |
| **Activation method** | • Electrical<br>• Thermal ( FP-1200T/ FP-1200TS ) |
| **Weight (gross)** | 10,900 g (excluding bracket) |
| **Mass of FPC compound** | 1,200 g |
| **Operational discharge time** | 10 - 15 seconds |
| **Dimensions** | 216 mm x 300 mm x 167 mm |
| **Fire class** | EN 2: A, B, C, F  -  NFPA 10: A, B, C |

Generators are provided complete with brackets

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# FP-2000

## FP-2000
**Product Code:** 10149
**Product Description:**
- FirePro Fire Extinguishing Generator FP-2000

**Features:**
- LPCB, UL, KIWA, MED & BSI Certified
- Carbon steel, red-coated casing

## FP-2000T
**Product Code:** 10317
**Product Description:**
- FirePro Fire Extinguishing Generator FP-2000T

**Features:**
- LPCB, UL, KIWA & BSI Certified
- This model can be activated thermally (optional)
- Carbon steel, red-coated casing

## FP-2000S
**Product Code:** 10392
**Product Description:**
- FirePro Fire Extinguishing Generator FP-2000S

**Features:**
- LPCB, UL, KIWA, MED & BSI Certified
- Stainless steel casing

## FP-2000TS
**Product Code:** 10623
**Product Description:**
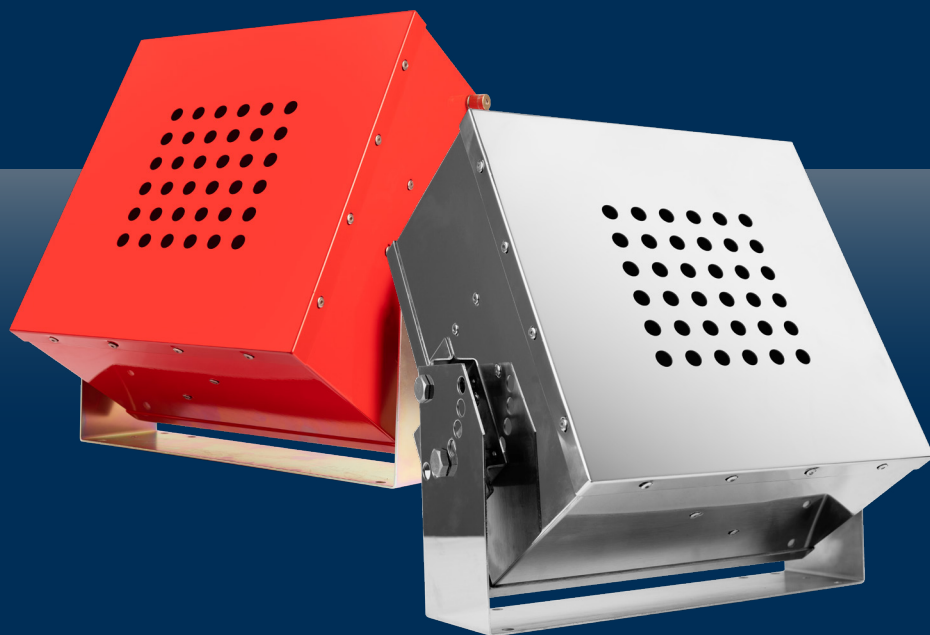- FirePro Fire Extinguishing Generator FP-2000TS

**Features:**
- LPCB, UL, KIWA & BSI Certified
- This model can be activated thermally (optional)
- Stainless steel casing

## TECHNICAL INFORMATION

| Model | FP-2000 / FP-2000S / FP-2000T / FP-2000TS |
|---|---|
| Activation method | • Electrical<br>• Thermal ( FP-2000T/ FP-2000TS ) |
| Weight (gross) | 15,500 g (excluding bracket) |
| Mass of FPC compound | 2,000 g |
| Operational discharge time | 10 - 15 seconds |
| Dimensions | 300 mm x 300 mm x 185 mm |
| Fire class | EN 2: A, B, C, F  -  NFPA 10: A, B, C |

Generators are provided complete with brackets

Product Catalogue **FirePro.**

# FP-3000

### ■ FP-3000
**Product Code:** 10150
**Product Description:**
- FirePro Fire Extinguishing Generator FP-3000

**Features:**
- LPCB, UL, KIWA, MED & BSI Certified
- Carbon steel, red-coated casing

### ■ FP-3000T
**Product Code:** 10318
**Product Description:**
- FirePro Fire Extinguishing Generator FP-3000T

**Features:**
- LPCB, UL, KIWA & BSI Certified
- This model can be activated thermally (optional)
- Carbon steel, red-coated casing

### ■ FP-3000S
**Product Code:** 10393
**Product Description:**
- FirePro Fire Extinguishing Generator FP-3000S

**Features:**
- LPCB, UL, KIWA, MED & BSI Certified
- Stainless steel casing

### ■ FP-3000TS
**Product Code:** 10624
**Product Description:**
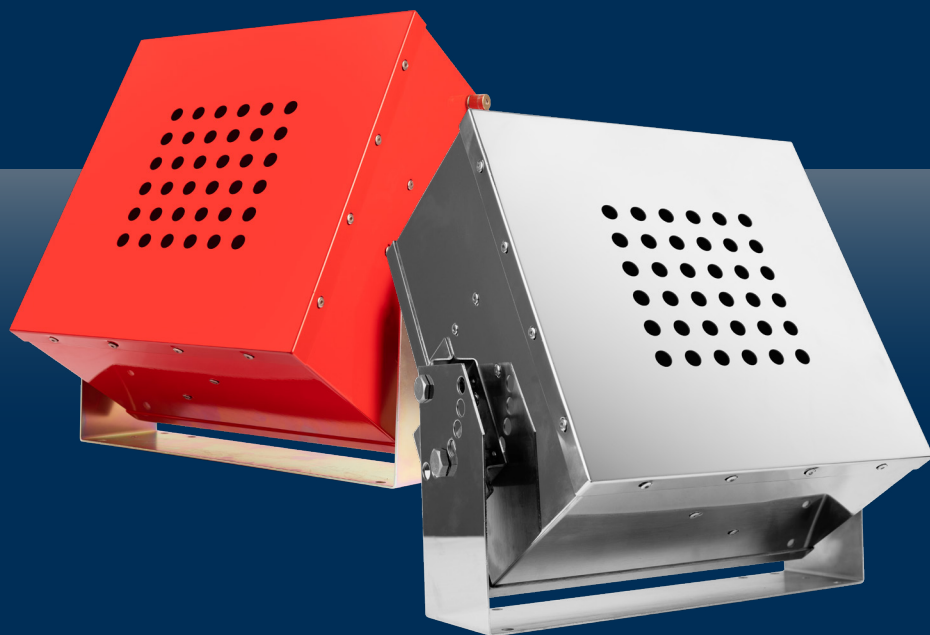- FirePro Fire Extinguishing Generator FP-3000TS

**Features:**
- LPCB, UL, KIWA & BSI Certified
- This model can be activated thermally (optional)
- Stainless steel casing

## TECHNICAL INFORMATION

| | |
|---|---|
| **Model** | FP-3000 / FP-3000S / FP-3000T / FP-3000TS |
| **Activation method** | • Electrical<br>• Thermal ( FP-3000T/ FP-3000TS ) |
| **Weight (gross)** | 16,300 g (excluding bracket) |
| **Mass of FPC compound** | 3,000 g |
| **Operational discharge time** | 15 - 20 seconds |
| **Dimensions** | 300 mm x 300 mm x 185 mm |
| **Fire class** | EN 2: A, B, C, F  -  NFPA 10: A, B, C |

Generators are provided complete with brackets

# FP-4200

## ■ FP-4200T
**Product Code:** 10338
**Product Description:**
- FirePro Fire Extinguishing Generator FP-4200T

**Features:**
- LPCB, UL, KIWA,MED & BSI Certified
- This model can be activated thermally (optional)
- Carbon steel, red-coated casing

## ■ FP-4200TS
**Product Code:** 10644
**Product Description:**
- FirePro Fire Extinguishing Generator FP-4200TS

**Features:**
- LPCB, UL, KIWA,MED & BSI Certified
- This model can be activated thermally (optional)
- Stainless steel casing

## TECHNICAL INFORMATION

| Model | FP-4200T / FP-4200TS |
|---|---|
| Activation method | • Electrical<br>• Thermal (optional for FP-4200T/FP4200TS) |
| Weight (gross) | 23,600 g (excluding bracket) |
| Mass of FPC compound | 4,200 g |
| Operational discharge time | 15 - 20 seconds |
| Dimensions | 300 mm x 300 mm x 300 mm |
| Fire class | EN 2: A, B, C, F  -  NFPA 10: A, B, C |

Generators are provided complete with brackets

Product Catalogue **FirePro.**

# FP-5700

## ■ FP-5700
**Product Code:** 10151
**Product Description:**
- FirePro Fire Extinguishing Generator FP-5700

**Features:**
- LPCB, UL, KIWA, MED & BSI Certified
- Carbon steel, red-coated casing

## ■ FP-5700T
**Product Code:** 10318
**Product Description:**
- FirePro Fire Extinguishing Generator FP-5700T

**Features:**
- LPCB, UL, KIWA &BSI Approved
- This model can be activated thermally (optional)
- Carbon steel, red-coated casing

## ■ FP-5700S
**Product Code:** 10394
**Product Description:**
- FirePro Fire Extinguishing Generator FP-5700S

**Features:**
- LPCB, UL, KIWA, MED & BSI Certified
- Stainless steel casing

## ■ FP-5700TS
**Product Code:** 10625
**Product Description:**
- FirePro Fire Extinguishing Generator FP-5700TS

**Features:**
- LPCB, UL, KIWA & BSI Approve
- This model can be activated thermally (optional)
- Stainless steel casing

## TECHNICAL INFORMATION

| | |
|---|---|
| **Model** | FP-5700 / FP-5700S / FP-5700T / FP-5700TS |
| **Activation method** | • Electrical<br>• Thermal (optional for FP-5700T/FP5700TS) |
| **Weight (gross)** | 26,400 g (excluding bracket) |
| **Mass of FPC compound** | 5,700 g |
| **Operational discharge time** | 15 - 20 seconds |
| **Dimensions** | 300 mm x 300 mm x 300 mm |
| **Fire class** | EN 2: A, B, C, F  -  NFPA 10: A, B, C |

Generators are provided complete with brackets

# FirePro.

## Condensed Aerosol Generators – Quick Reference List

| Generator Model | Electrical Activation | Thermal Activation | Product Code |
|---|:---:|:---:|:---:|
| **Cylindrical** | | | |
| FP-20T | ✔ | | 10620 |
| FP-20TH | | ✔ | 10649 |
| FP-40T | ✔ | ✔ | 10609 |
| FP-80T | ✔ | ✔ | 10617 |
| FP-100S | ✔ | ✔ | 10140 |
| FP-200S | ✔ | ✔ | 10142 |
| FP-500S | ✔ | ✔ | 10145 |
| **Box-type Red Coated Carbon Steel** | | | |
| FP-1200 | ✔ | | 10147 |
| FP-1200T | ✔ | ✔ | 10316 |
| FP-2000 | ✔ | | 10149 |
| FP-2000T | ✔ | ✔ | 10317 |
| FP-3000 | ✔ | | 10150 |
| FP-3000T | ✔ | ✔ | 10318 |
| FP-4200T | ✔ | ✔ | 10338 |
| FP-5700 | ✔ | | 10152 |
| FP-5700T | ✔ | ✔ | 10319 |
| **Box-type Stainless Steel** | | | |
| FP-1200S | ✔ | | 10395 |
| FP-1200TS | ✔ | ✔ | 10622 |
| FP-2000S | ✔ | | 10392 |
| FP-2000TS | ✔ | ✔ | 10623 |
| FP-3000S | ✔ | | 10393 |
| FP-3000TS | ✔ | ✔ | 10624 |
| FP-4200TS | ✔ | ✔ | 10644 |
| FP-5700S | ✔ | | 10394 |
| FP-5700TS | ✔ | ✔ | 10625 |

# Section A

▪

## FirePro ATEX Fire Extinguishing Generators for Fixed Installations

# FP-100 EX

## ■ FP-100 EX

**Product Code:** 11028

**Product Description:**
- FirePro Fire Extinguishing Generator FP-100 EX

**Features:**
- ATEX Certified
  - II 1G Ex s IIC T3 Ga
  - II 1D Ex s IIIC T200ºC Da
  - I M1 Ex s T450ºC Ma

## TECHNICAL INFORMATION

| Model | FP-100 EX |
|---|---|
| Activation method | Electrical |
| Weight (gross) | 1,830g (excluding bracket) |
| Mass of FPC compound | 100g |
| Operational discharge time | 5 - 10 seconds |
| Dimensions (Diameter : Height) | 84 mm : 170 mm (incl. connector housing) |
| Fire class | EN 2: A, B, C, F |

Generators are provided complete with brackets

# FP-200 EX



## ■ FP-200 EX

**Product Code:** 11073
**Product Description:**
• FirePro Fire Extinguishing Generator FP-200 EX
**Features:**
• ATEX Certified
  • II 1G Ex s IIC T3 Ga
  • II 1D Ex s IIIC T200ºC Da
  • I M1 Ex s T450ºC Ma

## TECHNICAL INFORMATION

| Model | FP-200 EX |
|---|---|
| Activation method | Electrical |
| Weight (gross) | 2,315g (excluding bracket) |
| Mass of FPC compound | 200g |
| Operational discharge time | 5 - 10 seconds |
| Dimensions (Diameter : Height) | 84 mm : 200 mm (incl. connector housing) |
| Fire class | EN 2: A, B, C, F |

Generators are provided complete with brackets

Product Catalogue **FirePro.**

# FP-500 EX

■ FP-500 EX

**Product Code:** 11074

**Product Description:**
- FirePro Fire Extinguishing Generator FP-500 EX

**Features:**
- ATEX Certified
  - II 1G Ex s IIC T3 Ga
  - II 1D Ex s IIIC T200ºC Da
  - I M1 Ex s T450ºC Ma

## TECHNICAL INFORMATION

| Model | FP-500 EX |
|---|---|
| Activation method | Electrical |
| Weight (gross) | 3,770g (excluding bracket) |
| Mass of FPC compound | 500g |
| Operational discharge time | 5 - 10 seconds |
| Dimensions (Diameter : Height) | 84 mm : 310 mm  (incl. connector housing) |
| Fire class | EN 2: A, B, C, F |

Generators are provided complete with brackets

Product Catalogue **FirePro.**

# FP-1200 EX



## ■ FP-1200 EX

**Product Code:** 11075

**Product Description:**

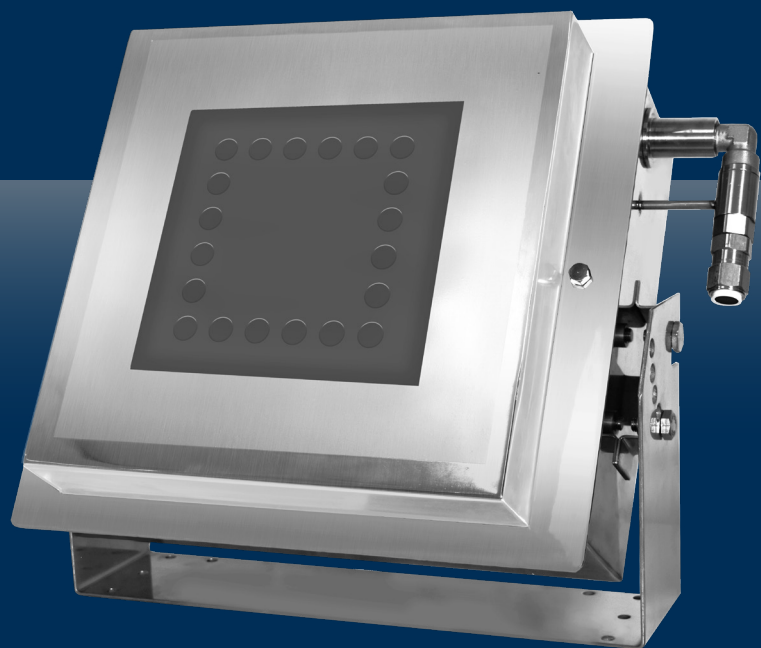- FirePro Fire Extinguishing Generator FP-1200 EX

**Features:**

- ATEX Certified
  - II 1G Ex s IIC T3 Ga
  - II 1D Ex s IIIC T200ºC Da
  - I M1 Ex s T450ºC Ma

## TECHNICAL INFORMATION

| Model | FP-1200 EX |
|---|---|
| Activation method | Electrical |
| Weight (gross) | 17,050g (excluding bracket) |
| Mass of FPC compound | 1,200g |
| Operational discharge time | 10 - 15 seconds |
| Dimensions | 365mm x 450 mm x 310 mm |
| Fire class | EN 2: A, B, C, F |

Generators are provided complete with brackets

Product Catalogue **FirePro.**

# FP-2000 EX

## ■ FP-2000 EX

**Product Code:** 11076
**Product Description:**
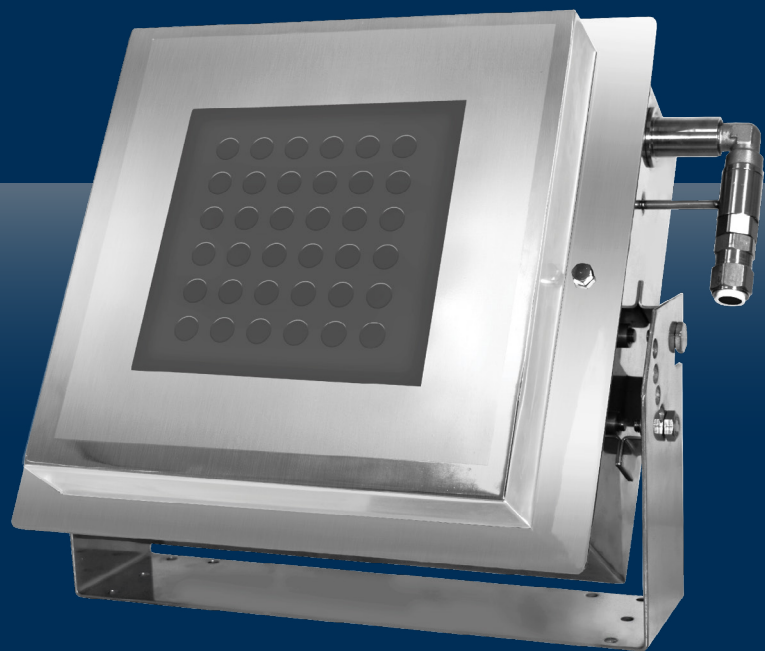• FirePro Fire Extinguishing Generator FP-2000 EX
**Features:**
• ATEX Certified
  • II 1G Ex s IIC T3 Ga
  • II 1D Ex s IIIC T200ºC Da
  • I M1 Ex s T450ºC Ma

## TECHNICAL INFORMATION

| Model | FP-2000 EX |
|---|---|
| Activation method | Electrical |
| Weight (gross) | 21,650g (excluding bracket) |
| Mass of FPC compound | 2,000g |
| Operational discharge time | 10 - 15 seconds |
| Dimensions | 365mm x 450 mm x 310 mm |
| Fire class | EN 2: A, B, C, F |

Generators are provided complete with brackets

Product Catalogue **FirePro.**

# FP-3000 EX

## ■ FP-3000 EX

**Product Code:** 11077

**Product Description:**
- FirePro Fire Extinguishing Generator FP-3000 EX

**Features:**
- ATEX Certified
  - II 1G Ex s IIC T3 Ga
  - II 1D Ex s IIIC T200ºC Da
  - I M1 Ex s T450ºC Ma

## TECHNICAL INFORMATION

| Model | FP-3000 EX |
|---|---|
| Activation method | Electrical |
| Weight (gross) | 22,450g (excluding bracket) |
| Mass of FPC compound | 3,000g |
| Operational discharge time | 15 - 20 seconds |
| Dimensions | 365mm x 450 mm x 310 mm |
| Fire class | EN 2: A, B, C, F |

Generators are provided complete with brackets

# FP-4200 EX

## ■ FP-4200 EX

**Product Code:** 11078
**Product Description:**
- FirePro Fire Extinguishing Generator FP-4200 EX

**Features:**
- ATEX Certified
  - II 1G Ex s IIC T3 Ga
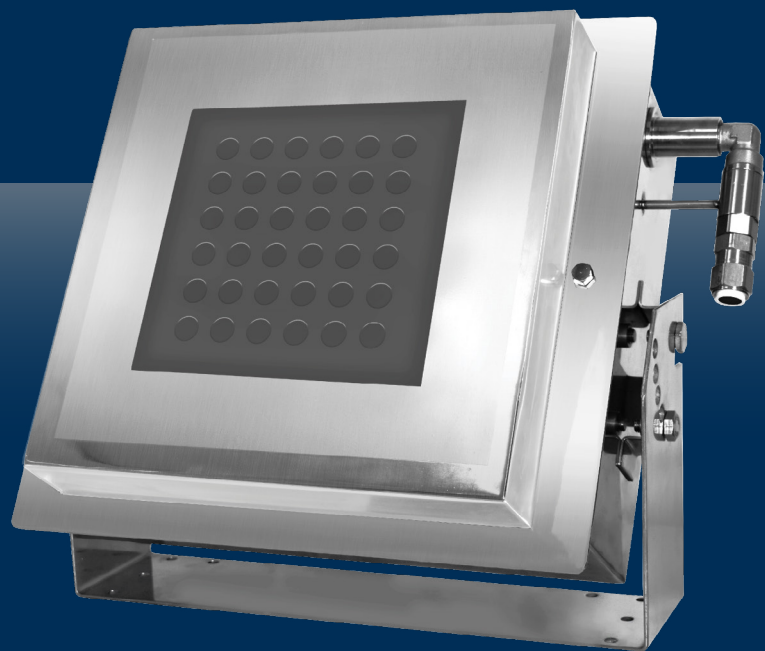  - II 1D Ex s IIIC T200ºC Da
  - I M1 Ex s T450ºC Ma

## TECHNICAL INFORMATION

| Model | FP-4200 EX |
|---|---|
| Activation method | Electrical |
| Weight (gross) | 30,910g (excluding bracket) |
| Mass of FPC compound | 4,200g |
| Operational discharge time | 15 - 20 seconds |
| Dimensions | 365mm x 450 mm x 420 mm |
| Fire class | EN 2: A, B, C, F |

Generators are provided complete with brackets

Product Catalogue **FirePro.**
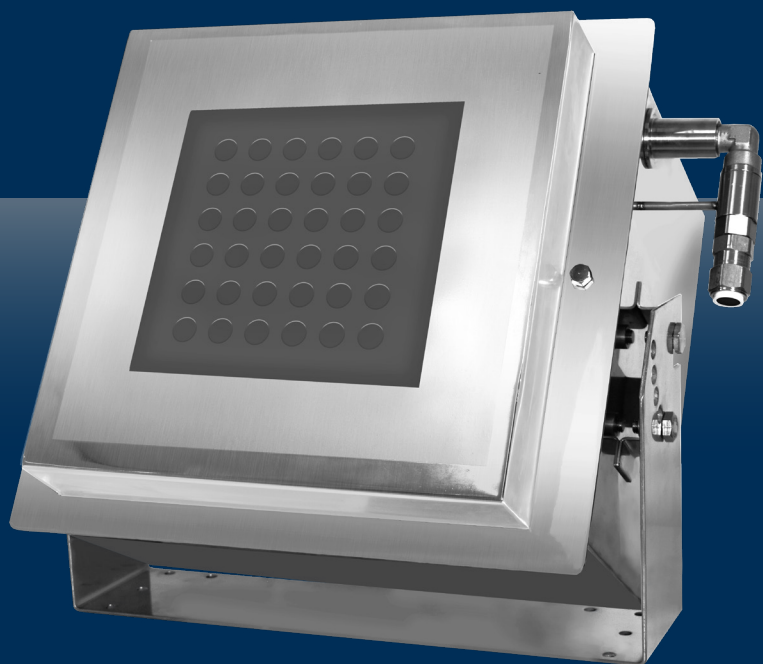
# FP-5700 EX

## ■ FP-5700 EX

**Product Code:** 11079
**Product Description:**
• FirePro Fire Extinguishing Generator FP-5700 EX

**Features:**
• ATEX Certified
  • II 1G Ex s IIC T3 Ga
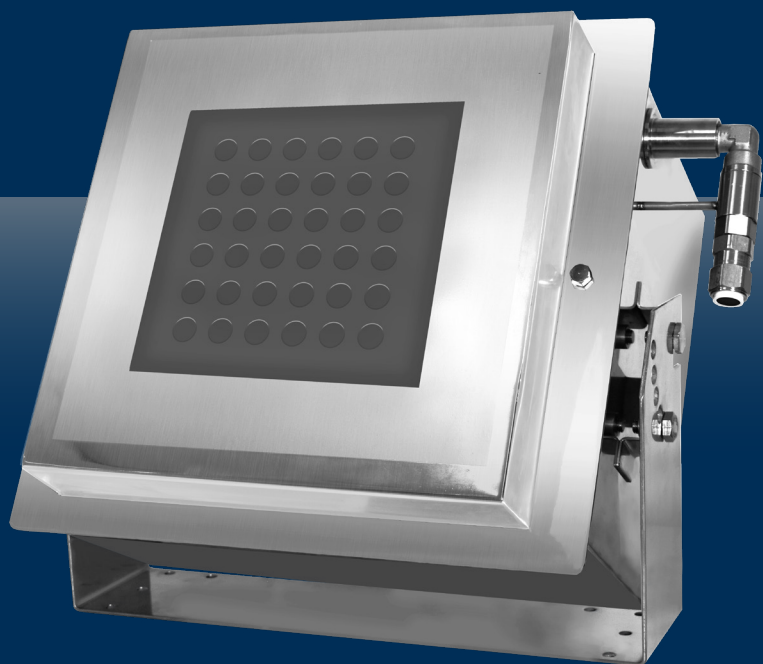  • II 1D Ex s IIIC T200ºC Da
  • I M1 Ex s T450ºC Ma

## TECHNICAL INFORMATION

| Model | FP-5700 EX |
|---|---|
| Activation method | Electrical |
| Weight (gross) | 33,710g (excluding bracket) |
| Mass of FPC compound | 5,700g |
| Operational discharge time | 15 - 20 seconds |
| Dimensions | 365mm x 450 mm x 420 mm |
| Fire class | EN 2: A, B, C, F |

Generators are provided complete with brackets

Product Catalogue **FirePro.**
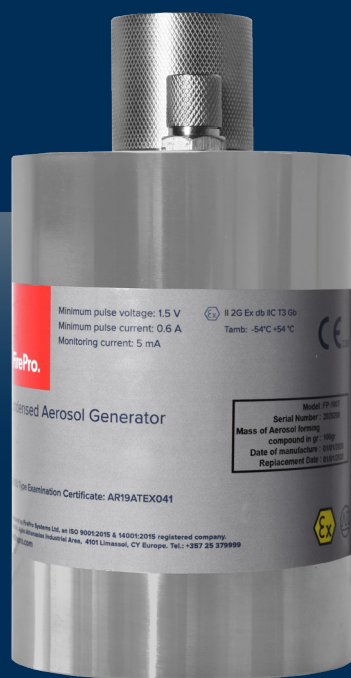
# FP-100T (2G-EX)

## ■ FP-100T (2G-EX)

**Product Code:** 11080
**Product Description:**
- FirePro Fire Extinguishing Generator FP-100T (2G-EX)

**Features:**
- ATEX Certified
  - II 2G Ex db IIC T3 Gb

## TECHNICAL INFORMATION

| Model | FP-100T (2G-EX) |
|---|---|
| Activation method | Electrical |
| Weight (gross) | 1,500g (excluding bracket) |
| Mass of FPC compound | 100g |
| Operational discharge time | 5 - 10 seconds |
| Dimensions (Diameter : Height) | 84 mm : 155 mm (incl. connector housing) |
| Fire class | EN 2: A, B, C, F |

Generators are provided complete with brackets

Product Catalogue **FirePro.**

# FP-200T (2G-EX)



## ■ FP-200T (2G-EX)

**Product Code:** 11081

**Product Description:**
- FirePro Fire Extinguishing Generator FP-200T (2G-EX)

**Features:**
- ATEX Certified
  - II 2G Ex db IIC T3 Gb

## TECHNICAL INFORMATION

| Model | FP-200T (2G-EX) |
|---|---|
| Activation method | Electrical |
| Weight (gross) | 1,945g (excluding bracket) |
| Mass of FPC compound | 200g |
| Operational discharge time | 5 - 10 seconds |
| Dimensions (Diameter : Height) | 84 mm : 185 mm (incl. connector housing) |
| Fire class | EN 2: A, B, C, F |

Generators are provided complete with brackets

Product Catalogue **FirePro.**

# FP-500T (2G-EX)



## ■ FP-500T (2G-EX)

**Product Code:** 11082

**Product Description:**
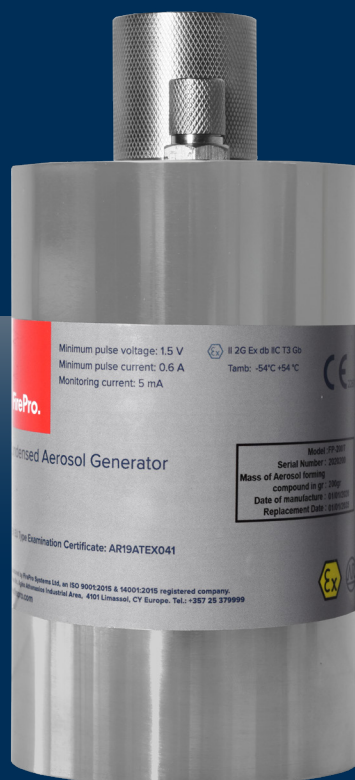- FirePro Fire Extinguishing Generator FP-500T (2G-EX)

**Features:**
- ATEX Certified
  - II 2G Ex db IIC T3 Gb

## TECHNICAL INFORMATION

| Model | FP-500T (2G-EX) |
|---|---|
| Activation method | Electrical |
| Weight (gross) | 3,415g (excluding bracket) |
| Mass of FPC compound | 500g |
| Operational discharge time | 5 - 10 seconds |
| Dimensions (Diameter : Height) | 84 mm : 295 mm (incl. connector housing) |
| Fire class | EN 2: A, B, C, F |

Generators are provided complete with brackets

Product Catalogue **FirePro.**

**ATEX** Condensed Aerosol Generators **–** Quick Reference List

| Generator Model | Electrical Activation | Thermal Activation | Product Code |
|---|:---:|:---:|---|
| **Cylindrical** | | | |
| FP-100 EX | ✔ | | 11028 |
| FP-200 EX | ✔ | | 11073 |
| FP-500 EX | ✔ | | 11074 |
| FP-100T (2G-EX) | ✔ | | 11080 |
| FP-200T (2G-EX) | ✔ | | 11081 |
| FP-500T (2G-EX) | ✔ | | 11082 |
| **Box-type Stainless Steel** | | | |
| FP-1200 EX | ✔ | | 11075 |
| FP-2000 EX | ✔ | | 11076 |
| FP-3000 EX | ✔ | | 11077 |
| FP-4200 EX | ✔ | | 11078 |
| FP-5700 EX | ✔ | | 11079 |

# Section A

FirePro Hero Manual
Aerosol Generators

Product Catalogue

# FP-200M

■ FP-200M

**Product Code:** 11406
**Product Description:**
- FirePro Fire Extinguishing Manual Generator FP-200M

**Features:**
- Manually Activated Generator

## TECHNICAL INFORMATION

| Model | FP-200M |
|---|---|
| Activation method | Manual |
| Activator type | HERO V2 Manual Activator |
| Weight (gross) | 1,620 g |
| Mass of FPC compound | 200 g |
| Operational discharge time | 15-20 seconds |
| Discharge outlets | 1 |
| Dimensions (Height : Diameter) | 150 mm : 84 mm |
| Fire class | EN 2: A, B, C, F  -  NFPA 10: A, B, C |

Generators are provided complete with brackets

FirePro.
HERO

Product Catalogue  **FirePro.**

# FP-500M

**Product Code:** 11407
**Product Description:**
• FirePro Fire Extinguishing Manual Generator FP-500M
**Features:**
• Manually Activated Generator

## TECHNICAL INFORMATION

| Model | FP-500M |
|---|---|
| Activation method | Manual |
| Activator type | HERO V2 Manual Activator |
| Weight (gross) | 1,910 g |
| Mass of FPC compound | 500 g |
| Operational discharge time | 10-15 seconds |
| Discharge outlets | 1 |
| Dimensions (Height : Diameter) | 150 mm : 84 mm |
| Fire class | EN 2: A, B, C, F  -  NFPA 10: A, B, C |

Generators are provided complete with brackets

# FP-1000M



■ FP-1000M

**Product Code:** 11408

**Product Description:**
- FirePro Fire Extinguishing Manual Generator FP-1000M

**Features:**
- Manually Activated Generator

## TECHNICAL INFORMATION

| Model | FP-1000M |
|---|---|
| Activation method | Manual |
| Activator type | HERO V2 Manual Activator |
| Weight (gross) | 2,240 g |
| Mass of FPC compound | 1,000 g |
| Operational discharge time | 10-15 seconds |
| Discharge outlets | 2 |
| Dimensions (Height : Diameter) | 200 mm : 84 mm |
| Fire class | EN 2: A, B, C, F  -  NFPA 10: A, B, C |

Generators are provided complete with brackets

Product Catalogue **FirePro.**

**FirePro.**

| HERO Condensed Aerosol Generators – Quick Reference List | | | | |
|---|---|---|---|---|
| Generator Model | Electrical Activation | Thermal Activation | Manual Activation | Product Code |
| **FirePro Hero** | | | | |
| FP-200M | | | ✔ | 11406 |
| FP-500M | | | ✔ | 11407 |
| FP-1000M | | | ✔ | 11408 |

# Section B

VELEX - Vehicle Fire
Suppression Systems

# VELEX Vehicle
## Fire Suppression System
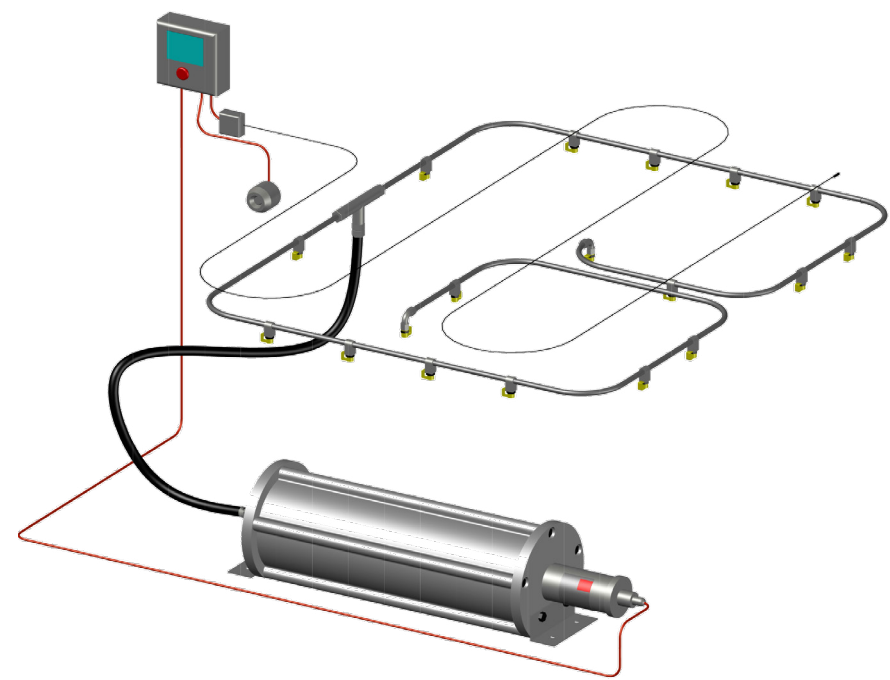
## ▪ VELEX

**Product Description:**
- Vehicle Fire Suppression System

**Features:**
- UNECE R107 Certified
- Non pressurized
- 10 years lifetime
- Lowest operating temperature: -30 °C

## PRODUCT OVERVIEW

VELEX Vehicle Fire Suppression System offers protection of engine bays.

| VELEX Fire Suppression Kits | | |
|---|---|---|
| Product Code | Model | Maximum Protected Compartment Volume (m³) |
| | | |
| 11139 - 11147 | VELEX -1.5  Vehicle Fire Suppression Kit | 1.5 |
| 11140 - 11147 | VELEX -3    Vehicle Fire Suppression Kit | 3 |
| 11141 - 11148 | VELEX -4    Vehicle Fire Suppression Kit | 4 |
| 11142 - 11148 | VELEX -5    Vehicle Fire Suppression Kit | 5 |
| 11143 - 11148 | VELEX -6    Vehicle Fire Suppression Kit | 6 |
| 11144 - 11149 | VELEX -7    Vehicle Fire Suppression Kit | 7 |
| 11145 - 11149 | VELEX -8    Vehicle Fire Suppression Kit | 8 |

# Section B



FirePro Vehicle
Suppression Kit

# FirePro Vehicle Kit
## Vehicle Fire Suppression System

**Product Code:** 10171
**Product Description:**
FirePro Vehicle Suppression Kit



## FEATURES

- Up to 4 Condensed Aerosol Generator can be connected, supervised
- Detection Line supervision
- Panel, Releasing Line supervision
- LED Fault / Fire / Power indicators
- Includes accessories for a complete installation (excluding generators)

## PRODUCT OVERVIEW

This is a manually operated fire suppression system. The FirePro generators are only activated manually with human intervention via the electrical activation switch on the FPX106 panel.

---

# 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
- Designed according to 89/336/EEC (EMC Directive) and Automotive Directive 95/54/EC

## PRODUCT OVERVIEW

The FirePro FPX106 panel can activate a maximum of 2 generators with 12 VDC input or a maximum of 4 generators with 24 VDC input, via the manual activation switch.

# Section C

Conventional
Detection and
Releasing Panels

# FirePro Delta FS
# Extinguishant Control Panel

**Product Code:** 10279
**Product Description:**
Delta FS Releasing
Fire Control Panel 230V (FP-K1810-13)

**Product Code:** 10502
**Product Description:**
FirePro Delta FS Releasing Fire
Control Panel 115V (FP-K1810-12)



## FEATURES

• UL864 Listed
• Single area extinguishant panel
• 3 detection zones

## PRODUCT OVERVIEW

Designed and manufactured to the highest standards, the Delta FS releasing panel offers outstanding value and performance for small to medium fixed fire suppression installations.

# FirePro-Kentec
# Sigma XT Extinguishant Control Panel

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



## FEATURES

• Approved and certified to EN12094-1, EN54-2 and EN54-4
• Single Area Extinguishant Panel
• 3 Detection Zones
• Compatible with I.S. barriers

## PRODUCT OVERVIEW

Designed and manufactured to the highest standards, the Sigma XT extinguishant releasing panel offers outstanding value and performance for small to medium fixed fire suppression installations.

# FirePro-Kentec
## Sigma ZXT Extinguishant Control Panel

■
**Product Code:** 11418
**Product Description:**
Kentec Sigma ZXT Extinguishant Control
Panel (K192311XM2)

### FEATURES

- Approved and certified to EN12094-1, EN54-2 and EN54-4
- Single Area Extinguishant Panel
- Dual extinguishing outputs with main/reserve configuration option
- Secure Event logging with 1000 events
- 6 x Programmable relay outputs
- Compatible with I.S. barriers

### PRODUCT OVERVIEW

Sigma ZXT provides controls and indications through a dynamic LCD
Display. Three conventional detection zones provide the alarm stimulus
required to activate the release of extinguishant. It also provides a
downloadable log of all events (alarms, faults, disablements, activations
etc.).

# Kentec Sigma XT+
## Multi-Area Extinguishant Control Panels

■
**Product Code:** 10358
**Product Description:**
Kentec Sigma XT+ Multi-Area
Extinguishant Control Panel,
4 Zones, 2 Areas (FP-K21042M3)

■
**Product Code:** 10177
**Product Description:**
Kentec SigmaXT+ Multi-Area
Extinguishant Control Panel,
8 Zones, 3 Areas (FP-K21083M4)

■
**Product Code:** 10459
**Product Description:**
Kentec Sigma XT+ Multi-Area
Extinguishant Control Panel,
8 Zones, 2 Areas (FP-K21082M3)

■
**Product Code:** 10178
**Product Description:**
KentecSigma XT+ Multi-Area
Extinguishant Control Panel,
8 Zones, 4 Areas (FP-K21084M4)

### FEATURES

- Approved and certified 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

With highly configurable extinguishing control modules, the Sigma XT+
range provides an integrated control solution for extinguishing systems.
The fire detection section connects  to the extinguishant control
modules, allowing secure, bi-directional transfer of data.

# Section C

Conventional
Detection Panels

## Kentec Sigma CP
## Fire Alarm Control Panel

**Product Code:** 10903
**Product Description:**
Kentec Sigma CP Fire Alarm
Control Panel, 2 Zone (K11020M2)

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

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



## FEATURES

• Certified to BS EN54-2 & 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 designed for the most demanding of conventional fire detection and alarm system applications.

## Kentec Sigma A-CP
## Fire Alarm Control Panel

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

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



## FEATURES

• UL 864 listed
• Two, four or eight initiating circuits
• Initiating circuits individually configurable as Fire, Water Flow or Supervisory

## PRODUCT OVERVIEW

The Sigma A-CP range of conventional Fire Control Panels can be extensively configured via a simple front panel operated programming method. It is available with built-in communicator (optional).

**FirePro.**  Product Catalogue

# Section C

Conventional Control
Panel Accessories

# FirePro
# Sequential Activator

■
**Product Code:** 10173
**Product Description:**
FirePro Sequential Activator - Standard Box
(FPSA-32G) Gray Color

■
**Product Code:** 10486
**Product Description:**
FirePro Sequential Activator - Larger Box
(FPSA-38G) Gray Color



## FEATURES

• UL 864 listed
• Extinguishing Panel, Releasing Line supervision

## PRODUCT OVERVIEW

Each sequential activator provides connection from a Delta FS, Kentec
Sigma XT or Kentec Sigma ZXT panel series to a maximum of two
aerosol generators.

# Kentec Sigma SI
# Extinguishant Status Indicators

■
**Product Code:** 10413
**Product Description:**
Kentec Sigma SI Extinguishant
Status Indicator - Full (K911113M8)

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

■
**Product Code:** 10908
**Product Description:**
Kentec Sigma SI Weatherproof
Extinguishant Status Indicator -
Full (W911113M8)

■
**Product Code:** 10659
**Product Description:**
Kentec Sigma SI Weatherproof
Extinguishant Status Indicator -
Light (W911110W8)



## FEATURES

• Certified to BS EN12094-1 when used with Sigma XT control equipment
• 6 or 10 lamp status unit with mode select keyswitch and manual release button
• Remote Auto/Manual door interlock input (monitored)
• Internal Buzzer

## PRODUCT OVERVIEW

The Sigma Si is a range of system status indicator units for use with
Kentec Sigma XT, Sigma XT+, Syncro XT+ and Sigma ZXT extinguishant
releasing control panels.

# Extinguishant Status Indicator



■

**Product Code:** 11293
**Product Description:**
Delta A-SI- 6 Lamp Status Unit with keyswitch (FP-K1821-13)

■

**Product Code:** 10627
**Product Description:**
Kentec Sigma A-SI 6 Lamp Status Unit with keyswitch and manual release (K1821-17)



■

**Product Code:** 10667
**Product Description:**
Kentec Sigma A-SI 10 Lamp Status Unit with keyswitch and manual release (K1821-19)



## FEATURES

- UL864 listed
- 6 or 10 lamp status unit with mode select keyswitch and manual release button
- Detailed indication of the status of the control panel
- Manual only and Automatic & Manual mode select
- Internal Buzzer

## PRODUCT OVERVIEW

The Delta/Sigma A-Si is a range of system status indicator units for use with Delta FS/Sigma extinguishant releasing control panels.

# ReSet Switches

■

**Product Code:** 10187
**Product Description:**
Isolation Switch Blue ( RP-BD2-11-CL)



■

**Product Code:** 10365
**Product Description:**
Release Switch Yellow (RP-YD2-11-CL)

■

**Product Code:** 10555
**Product Description:**
Integral cover for ReSet Switches/ Call Points



## FEATURES

- Visible warning flag confirms activation
- Simple key to reset operating element
- Double pole version

## PRODUCT OVERVIEW

The ReSet is a unique switch that mimics the feel of breaking glass while offering the benefits of a resettable operating element.

# Sigma SI Extinguishant Hold Off Unit

■

**Product Code:** 10359
**Product Description:**
Sigma SI Extinguishant Hold Off Unit, Red Button (KB91000M10)



# FEATURES

- Certified to BS EN12094-1 when used with Sigma XT control equipment
- IP Rating: IP30
- Operating Temperature: -5°C to +40°C

# PRODUCT OVERVIEW

The Sigma SI Extinguishant Hold Off Unit can be interfaced with all Sigma XT, Sigma XT+ and Sigma ZXT models, to extend the release time delay.

# Manual Pull Station

■

**Product Code:** 10201
**Product Description:**
Manual Pull Station W/Pigtails, Dual Action (VF3022-10)

■

**Product Code:** 10202
**Product Description:**
Red Pull Station Back Box (VF3007-10)



# FEATURES

- UL (UNIU.S8375) listed
- Optional Surface or Weatherproof Backbox

# PRODUCT OVERVIEW

On the dual action Manual Pull Station, the "PUSH" bar moves inward allowing the "PULL" handle to be operated by a single hand.

# Delta Abort Switch

■

**Product Code:** 10423
**Product Description:**
Delta Abort Switch (FP-K1823-10)



⒰ⓛ

## FEATURES

• UL (UOXX.S36284) listed
• Red hold Switch

## PRODUCT OVERVIEW

The Delta Abort Switch can be interfaced with the Delta FS and Sigma A-XT Extinguishant Panel, to extend the release time delay.

# Delta Manual Extinguishant Isolation Switch

■

**Product Code:** 10515
**Product Description:**
Delta Manual Extinguishant Isolation Switch (FP-K1832-10)



⒰ⓛ

## FEATURES

• UL (UOXX.S24832) Listed
• Both sides of solenoid circuit are mechanically disabled during activation

## PRODUCT OVERVIEW

The Manual Extinguishant Isolation Switch can be interfaced with Delta FS and Sigma A-XT Extinguishant Panels , to disable the automatic or manual electrical actuation of the generators.

# Unboxed Power Supply Unit

■

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

## FEATURES

• IMQ-CSV Certified according to UNI EN60950
• Available output current: 1.5A, 2.5A, 5A

## PRODUCT OVERVIEW

The Unboxed Power Supply Unit is specifically recommended for
systems that require small to medium-size power supply units or case
suited to accommodate concentrators or junction boxes. The unit is
protected from overloads, polarity reversals and short circuits.

# Boxed Power Supply Unit

■

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

## FEATURES

• EN54-4 Approved Fire Alarm Power Supply
• Chassis only or enclosure mounted with battery space
• 230V input
• House up to 7Ah batteries

## PRODUCT OVERVIEW

The unique regulation techniques of the Kentec Boxed Power Supply
Unit ensure  that even when running on standby batteries, a stable 24V
supply is available to all parts of the system.

**FirePro.** Product Catalogue

Product Catalogue **FirePro.**

# Speech Dialer

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



## FEATURES

• 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.

# Section C

## Conventional Detection Items

**FirePro.** Product Catalogue

# Conventional Smoke Photo Detector

**Product Code:** 10991
**Product Description:**
Apollo Series 65 Optical Smoke Detector (55000-317APO)

## FEATURES

- VDS & LPCB Approved, , EN54-5 Compliant
- EN54-5 Compliant
- Voltage: 9-33 VDC
- Operating Temperature: -20°C to +60°C

## PRODUCT OVERVIEW

The Series 65 Optical Smoke Detector uses light sensing technology to detect a fire.

# Conventional Thermal Detector Rate-of-rise

**Product Code:** 10992
**Product Description:**
Apollo Series 65 A1R Heat Detector (55000-122APO)

## FEATURES

- VDS & LPCB Approved, EN54-5 Compliant
- EN54-5 Compliant
- Voltage: 9-33 VDC
- Operating Temperature: -20°C to +60°C

## PRODUCT OVERVIEW

The Series 65 Heat Detector monitors temperature by using a dual thermistor network which provides a voltage output proportional to the external air temperature.

# Conventional Base for Detector

■

**Product Code:** 10990
**Product Description:**
Apollo Series 65 Standard Base
(45681-200APO)



[VdS]

## FEATURES

- VDS & DNV Approved
- Voltage: 9-33 VDC
- Secure and reliable cable termination

## PRODUCT OVERVIEW

The Series 65 Standard Base has been designed to enable detectors to be fitted without the need of force - particularly useful when fitting to suspended ceilings.

---

# Conventional Photo Electric Smoke Detector

■

**Product Code:** 10961
**Product Description:**
Conventional Photo Electric Smoke Detector- Ivory (VF2044-00)
(without base)



(UL) <FM>

## FEATURES

- FM & UL (UROX.S6661) Approved
- Meets outlined requirements in NFPA 72, Chapter 2 & 7, Inspection, Testing and Maintenance
- Highly stable operation, RF/Transient protection

## PRODUCT OVERVIEW

Its smoke chamber makes the VF2044-00 well suited for detecting smoldering fires as well as fast-flaming fires.

# Conventional Heat Detector

■ **Product Code:** 10639
**Product Description:**
Conventional Heat Detector
(VF2020-00) 135°F
(without base)

■ **Product Code:** 11002
**Product Description:**
Conventional Heat Detector
(VF2021-00) 190°F
(without base)

## FEATURES

- UL (UQGS.S6660) Approved
- Choice of fixed temperature / rate-of-rise

## PRODUCT OVERVIEW

The VF2020-00 and VF2021-00 fixed temperature / rate-of-rise heat detectors are suited to detect the presence of slow or fast rising temperatures to burning combustibles and for installations where high heat output fires are expected.

# Conventional 4-inch Base for Detector

■ **Product Code:** 10907
**Product Description:**
Conventional 4-inch Base for
Detector (VF2050-00)

## FEATURES

- UL (UROX.S6661) Approved
- Alarm Current: 93mA (136mA @ 33V max.)

## PRODUCT OVERVIEW

The VF2050 Series is designed for use with all VES analog sensors. The Base is featuring a plastic tamper-lock lug.

# LPG detector

■

**Product Code:** 11097
**Product Description:**
LPG detector (BS685)



## FEATURES

- EN 50194-1, EN 50270, EN 60335-1: Compliant
- IP Rating: IP65
- Operating Temperature: 0°C to +60°C
- Relative Humidity: up to 95%
- Voltage: 10-30 VDC

## PRODUCT OVERVIEW

The LPG detector (BS685) is activated when the gas (propane or methane) levels  in the monitored area exceed 5-15% of the lower explosion limit (L.E.L).

# GAS Detector

■

**Product Code:** 11098
**Product Description:**
Acetylene detector (G709P-2-RL)



## FEATURES

- Designed according to EN 50270, EN 61000-6
- IP Rating: IP55
- Operating Temperature: 0°C to +40°C
- Relative Humidity: up to 90%
- Voltage: 12/24 VDC
- 3 Output Relays for fault, pre-alarm and alarm

## PRODUCT OVERVIEW

The G709P-2-RL detector is equipped with a Pellistor head sensing element that measures the concentration of explosive gas on the scale of the LEL (Lower Explosive Limit). Available also in ADPE ATEX housing.

# Linear Heat Detection Cable

**Product Code:** 10244
**Product Description:**
Linear Heat Detection Cable 68°C

**Product Code:** 10246
**Product Description:**
Linear Heat Detection Cable 105°C

**Product Code:** 10245
**Product Description:**
Linear Heat Detection Cable 88°C

**Product Code:** 10607
**Product Description:**
Linear Heat Detection Cable 185°C

## FEATURES

• FM and UL Approved
• Low cost and fast response
• Section replacement of sensor cable after alarm

## PRODUCT OVERVIEW

Linear Heat Detection Cable provides a signal when reaching the rated temperature.

# Linear Heat Detector Interface Monitor Module

**Product Code:** 10650
**Product Description:**
Digital Interface Monitor Module (DiMM)

## FEATURES

• UL Approved
• RS-485 Modbus RTU output for connection to a PLC or SCADA system
• Built-in sounder for audible annunciation

## PRODUCT OVERVIEW

Digital Interface Monitor Module can simultaneously monitor up to two zones of LHD cable and has separate fault and alarm outputs for each zone.

# Linear Heat Detector Cable Termination Box

■

**Product Code:** 10830
**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 to the prevention of unwanted short circuits.

# Linear Heat Detector Cable Termination Box (IP65)

■

**Product Code:** 10999
**Product Description:**
LHD Cable Termination Box (IP65)



## FEATURES

• End of line termination box for fire resistant cables and linear heat detector cables
• IP Rating: IP65

## PRODUCT OVERVIEW

The LHD cable termination box is suitable for terminating the linear heat detector cable and contributes to the prevention of unwanted short circuits.

# Call Point

■

**Product Code:** 10680
**Product Description:**
Call Point Red (RP-RD2-11)

■

**Product Code:** 10555
**Product Description:**
Integral cover for ReSet Switches / Call Points

## FEATURES

• Visible warning flag confirms activation
• Simple key to reset operating element
• Double pole version

## PRODUCT OVERVIEW

The Call Point is a unique switch that mimics the feel of breaking glass while offering the benefits of a resettable operating element.

**FirePro.**    Product Catalogue

# Section C

■

Conventional
Warning Devices

# Fire Alarm Bell
# 6 Inch

**Product Code:** 11070
**Product Description:**
Fire Alarm Bell 6 Inch (VBL-24AP)

## FEATURES

- LPCB Approved, EN54-3 Compliant
- High sound output, 93 dBA
- Voltage: 17-27 VDC
- IP Rating: IP21

## PRODUCT OVERVIEW

The Fire Alarm Bell incorporates highly efficient rotary centrifugal movements combining high sound output with low current consumption.

# Fire Alarm Bell

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

**Product Code:** 10660
**Product Description:**
Weatherproof Back Box for GB6 Bell (GBBB / HC-BB)

## FEATURES

- UL (ULSZ.S3406) Approved
- High dbA output
- Electrical box UL listed for outdoor use (GBBB optional accessory)

## PRODUCT OVERVIEW

The GB Series is available in 6" housing and listed for indoor and outdoor (when used with back box)applications.

# Sounder

■

**Product Code:** 11068
**Product Description:**
Shallow Base Red Sounder
(VTG-32E-SB-R)

## FEATURES

- LPCB & VDS Approved, EN54-3 Compliant
- 32 Tone
- Voltage: 21-28 VDC
- IP Rating: IP21C /IP33C if used with Deep Base (Product Code: 11071)

## PRODUCT OVERVIEW

The VTG-32E-SB-R is a wall mounted electronic sounder with shallow base. As standard this unit has 32 selectable tones and has both LPCB and VDS approvals on tones 1, 8, 11, 25 & 27.

# Sounder / Beacon

■

**Product Code:** 11069
**Product Description:**
Shallow Base, Red Lens Sounder/
Beacon (VTB-32E-SB-RB/RL)

## FEATURES

- LPCB & VDS Approved, EN54-3 Compliant
- 32 Tone
- Voltage: 21-28 VDC
- IP Rating: IP21C /IP33C if used with Deep Base (Product Code: 11071)

## PRODUCT OVERVIEW

The beacon function has been designed for maximum all-round visibility, coupled with low power consumption utilizing an array of energy efficient LEDs. Both the sounder and beacon functions are fully synchronized.

# Horn Strobe

**Product Code:** 10793
**Product Description:**
Horn/ Strobe (GEC3-24WR)

## FEATURES

- UL (ULSZ.S3406) 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

## PRODUCT OVERVIEW

The GEC3-24WR Low-frequency Horn Strobe offers dependable audible and visual alarms, at low current draw.

---

# Weatherproof Horn/Strobe

**Product Code:** 10504
**Product Description:**
Weatherproof Horn/ Strobe
(WGEC24-75WR)

## 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

## PRODUCT OVERVIEW

The WGEC24-75WR Low-frequency Horn Strobe 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:** 11411
**Product Description:**
Gas Discharge Sign (LF20W)

## FEATURES

• EN54-3 compliant
• Voltage: 24 VDC
• IP rating: IP21

## PRODUCT OVERVIEW

A special light diffuser guarantees the uniform lighting of the LF20W's label. A high sound level buzzer ensures an efficient acoustic warning in case of alarm.

# Weatherproof Gas Release Sign

■

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

## FEATURES

• EN54-3 compliant
• Voltage: 12-24 VDC
• IP rating: IP65

## PRODUCT OVERVIEW

The Gas Release Sign is equipped with 4 LEDs as a light source and provides a high light performance with low consumption.

# Section C

Standalone
Activation Devices

# FPC-1 Fire Detection and Extinguishant Controller

■

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

## FEATURES

• 1 detection zone, supervised
• Voltage 6 VDC (4 AA alkaline batteries)
• Up to 2 FirePro condensed aerosol generators, supervised
• Remote activation input

## PRODUCT OVERVIEW

The Extinguishant Controller FPC-1, enables monitoring, detection and automatic suppression of a fire in an electrical cabinet or a small enclosure.

---

# FPC-2V2 Fire Extinguishant Controller

■

**Product Code:** 11416
**Product Description:**
FPC-2V2 Fire Extinguishant Controller

CE

## FEATURES

• Up to 4 FirePro condensed aerosol generators, supervised
• Monitored detection input zone
• Isolation key switch
• Internal Buzzer
• Embedded with Electronic Filter for EMF Shield and Voltage Spikes Shield

## PRODUCT OVERVIEW

The FirePro FPC-2V2 Fire Extinguishant Controller, embedded with Electronic Filter for EMF Shield and Voltage Spikes Shield, enables monitoring, detection and automatic suppression of a fire in an electrical cabinet or small enclosure.
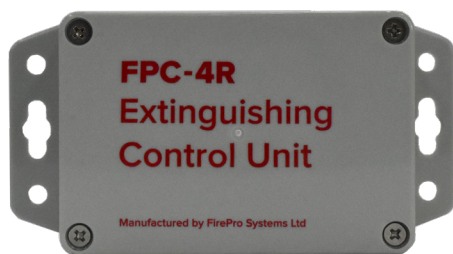
# FPC 4R V3 Fire Detection and Extinguishant Controller

■ **Product Code:** 11066
**Product Description:**
FPC 4R V3 Extinguishant
Controller - Metal Case

■ **Product Code:** 11007
**Product Description:**
FPC 4R V3 Extinguishant
Controller- Plastic Case



## FEATURES

- KIWA Declaration Of Conformity as an Ignition device based on requirements of EN15276-1
- 2 activation inputs (LHD), not supervised
- Primary power source 6-30 VDC, secondary power source 3V, CR2 Lithium-Ion battery
- Up to 2 FirePro generators, not supervised
- IP Rating: IP30 (11066)  / IP65 (11007)

## PRODUCT OVERVIEW

The FPC-4R Controller is capable of detecting a fire using the linear heat detector cable and activating the aerosol generators automatically, in a small enclosure.

---

# FPC-5 V2 Extinguishant Controller



## FEATURES

- KIWA Declaration Of Conformity as an Ignition device based on requirements of EN15276-1
- 1 detection zone, not supervised
- 1 aerosol generator, not supervised

## PRODUCT OVERVIEW

The FPC-5 V2 Extinguishant Controller  can be interfaced to any FirePro condensed aerosol generator. It is capable of detecting fire by using a linear heat detector cable or a bimetallic sensor, and activating the condensed aerosol generators automatically.

# FPC-5 V2
# Extinguishant Controller

**Product Codes:** 11113
**Product Description:**
FPC-5 V2 Fire Extinguishant Controller with Bimetallic Sensor at 60°C for FP20T

**Product Code:** 11114
**Product Description:**
 FPC-5 V2 Fire Extinguishant Controller with Bimetallic Sensor at 70°C for FP20T

**Product Code:** 11115
**Product Description:**
FPC-5 V2 Fire Extinguishant Controller with Bimetallic Sensor at 80°C for FP20T

**Product Code:** 11116
**Product Description:**
FPC-5 V2 Fire Extinguishant Controller with Bimetallic Sensor at 100°C for FP20T

**Product Code:** 11117
**Product Description:**
FPC-5 V2 Fire Extinguishant Controller with Gland for LHD Cable for FP20T

**Product Codes:** 11118
**Product Description:**
FPC-5 V2 Fire Extinguishant Controller with Bimetallic Sensor at 60°C  for FP40T/FP80T

**Product Code:** 11119
**Product Description:**
 FPC-5 V2 Fire Extinguishant Controller with Bimetallic Sensor at 70°C  for FP40T/FP80T

**Product Code:** 11120
**Product Description:**
FPC-5 V2 Fire Extinguishant Controller with Bimetallic Sensor at 80°C  for FP40T/FP80T

**Product Code:** 11121
**Product Description:**
FPC-5 V2 Fire Extinguishant Controller with Bimetallic Sensor at 100°C  for FP40T/FP80T

**Product Code:** 11122
**Product Description:**
FPC-5 V2 Fire Extinguishant Controller with Gland for LHD Cable for FP40T/FP80T

**Product Codes:** 11123
**Product Description:**
FPC-5 V2 Fire Extinguishant Controller with Bimetallic Sensor at 60°C for FP100S/FP200S/FP500S

**Product Code:** 11124
**Product Description:**
FPC-5 V2 Fire Extinguishant Controller with Bimetallic Sensor at 70°C for FP100S/FP200S/FP500S

**Product Code:** 11125
**Product Description:**
FPC-5 V2 Fire Extinguishant Controller with Bimetallic Sensor at 80°C for FP100S/FP200S/FP500S

**Product Code:** 11126
**Product Description:**
FPC-5 V2 Fire Extinguishant Controller with Bimetallic Sensor at 100°C for FP100S/FP200S/FP500S

**Product Code:** 11127
**Product Description:**
FPC-5 V2 Fire Extinguishant Controller with Gland for LHD Cable for FP100S/FP200S/FP500S

**Product Code:** 11128
**Product Description:**
FPC-5 V2 Fire Extinguishant Controller with Bimetallic Sensor at 60°C for Box Type

**Product Code:** 11129
**Product Description:**
FPC-5 V2 Fire Extinguishant Controller with Bimetallic Sensor at 70°C for Box Type

**Product Code:** 11130
**Product Description:**
FPC-5 V2 Fire Extinguishant Controller with Bimetallic Sensor at 80°C for Box Type

**Product Code:** 11131
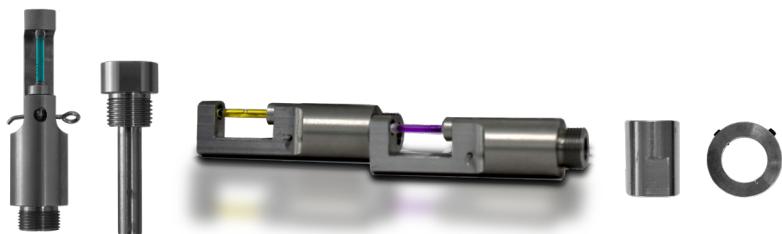**Product Description:**
FPC-5 V2 Fire Extinguishant Controller with Bimetallic Sensor at 100°C for Box Type

**Product Code:** 11132
**Product Description:**
FPC-5 V2 Fire Extinguishant Controller with Gland for LHD Cable for Box Type

**FirePro.** Product Catalogue

Product Catalogue **FirePro.**

# BTA V3



KIWA certified
GUIDELINE K23001
FIRE SAFETY

## FEATURES

- KIWA Declaration Of Conformity as an Ignition device based on requirements of EN15276-1
- Temperature rating 57°C, 68°C, 79°C, 93°C, 141°C, 182°C
- No electrical power source is required.

## PRODUCT OVERVIEW

The FirePro BTA V3 performs the functions of fire detection and automatic activation of the fire extinguishing aerosol generator with the use of a bulb thermal sensor at a pre- selected temperature.

## Set for Cylindrical-Type Generators

For Generators  20TH / 40T / 80T / 100S / 200S / 500S

■ 57°C
**Product Code:** 11272
**Product Description:**
BTA V3 for Cylindrical-Type Generators at 57°C

■ 68°C
**Product Code:** 11273
**Product Description:**
BTA V3 for Cylindrical-Type Generators at 68°C

■ 79°C
**Product Code:** 11274
**Product Description:**
BTA V3 for Cylindrical-Type Generators at 79°C

■ 93°C
**Product Code:** 11275
**Product Description:**
BTA V3 for Cylindrical-Type Generators at 93°C

■ 141°C
**Product Code:** 11276
**Product Description:**
BTA V3 for Cylindrical-Type Generators at 141°C

■ 182°C
**Product Code:** 11277
**Product Description:**
BTA V3 for Cylindrical-Type Generators at 182°C

## Set for Box-Type Generators

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

■ 57°C
**Product Code:** 11278
**Product Description:**
BTA V3 for Box-Type Generators at 57°C

■ 68°C
**Product Code:** 11279
**Product Description:**
BTA V3 for Box-Type Generators at 68°C

■ 79°C
**Product Code:** 11280
**Product Description:**
BTA V3 for Box-Type Generators at 79°C

■ 93°C
**Product Code:** 11281
**Product Description:**
BTA V3 for Box-Type Generators at 93°C

■ 141°C
**Product Code:** 11282
**Product Description:**
BTA V3 for Box-Type Generators at 141°C

■ 182°C
**Product Code:** 11283
**Product Description:**
BTA V3 for Box-Type Generators at 182°C

# FPX114 Fire Detection and Extinguishant Controller

**Product Code:** 10702
**Product Description:**
FirePro Control Panel (FPX114)

## FEATURES

- Designed according to 89/336/EEC (EMC Directive) and 95/94/EC (Automotive Directive)
- Standalone unit (Battery powered)
- 1 Detection Zone, supervised
- Up to 2 FirePro Generators, supervised
- IP Rating: IP65

## PRODUCT OVERVIEW

FPX114 Fire Detection and Extinguishant Controller can be used with a variety of linear heat detector cables and can activate up to 2 FirePro generators.

# Section C

Various Accessories

# 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
- Magnetization: N42
- Strength: approximately 25 kg

## PRODUCT OVERVIEW

Magnets can substitute the screws used for installing any of the cylindrical FirePro Fire Extinguishing condensed aerosol generators.

# Simulation Lamp

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

## FEATURES

- Voltage: 24 VDC

## PRODUCT OVERVIEW

The Simulation Lamp has the same electrical characteristics with the electrical actuator of the aerosol generator and can be used to simulate the functionality of the circuit. Simulation lamps are used to avoid any unwanted activation, during commissioning and maintenance.

# Fire Resistant Cables

■
**Product Code:** 10247
**Product Description:**
Fire Resistant Cable 2x1 mm

■
**Product Code:** 10248
**Product Description:**
Fire Resistant Cable 4x1 mm



## FEATURES

- LPCB (568a/02) Approved
- Conductors: Solid (Class 1). Copper conductor to BS EN 60228
- Outer Sheath: LSZH Sheath type LTS3, Max HCL emission @ 800°C

## PRODUCT OVERVIEW

Fire resistant cables can extend the integrity of circuits during fire. Low Smoke Zero Halogen (LSZH) cables protect people from smoke and noxious fumes, and sensitive equipment from acid forming gases.

# Cable Glands

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

■
**Product Code:** 11035
**Product Description:**
Cable Gland Nickel Plated 1/2 " NPT



## FEATURES

- Tapered rings
- IP Rating: IP68

## PRODUCT OVERVIEW

Glands connect the screen of the cable to the enclosure screening system.

**FirePro.** Product Catalogue

# Liquid-tight Flexible Metal Conduit Fitting

**Product Code:** 11053
**Product Description:**
Liquid-tight Flexible Metal
Conduit Fitting (3402)

## FEATURES

- UL 514B approved
- Raco/Hubble 3402/3402-8
- Zinc-electroplated
- Pullout protection

## PRODUCT OVERVIEW

Fittings to enable the wiring of 1/2 inch trade size UL approved liquid-tight flexible metal conduit to all FP condensed aerosol generators.

**FirePro.**    Product Catalogue

# Section C

## Leakage Prevention System

# Leakage
Prevention System (LPS)
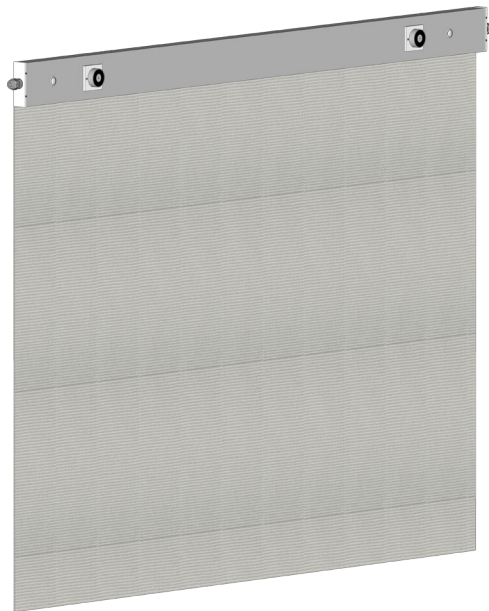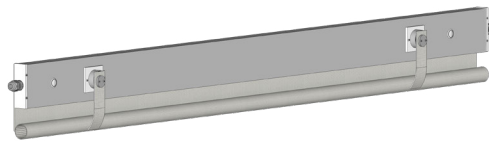
# Leakage Prevention System (LPS)

## KEY FEATURES

- Custom-made systems
- Automatic operation
- Lightweight and robust construction
- Operating temperatures: 0°C to +50°C
- IP rating: IP40
- High temperature resistant silica cloth (RS-600)
- Voltage: 24 VDC

## OVERVIEW

The Leakage Prevention System (LPS) is a solution applicable to the FirePro Condensed Aerosol Fire Suppression System, in cases where excessive openings exist. It can be used as an additional measure for minimizing the openings, in order to enable successful implementation of total flooding application. The LPS shall never be used as a standalone method to control and/or extinguish a fire.

# Section D

Addressable
Detection Panels

# FirePro Delta AP Analogue Addressable Fire Control Panel

■
**Product Code:** 10663
**Product Description:**
Delta AP Analogue Addressable Fire Control Panel, Hochiki Protocol, 1-Loop (FP-K0810-10)

■
**Product Code:** 10664
**Product Description:**
Delta AP Analogue Addressable Fire Control Panel, Hochiki Protocol, 2-Loop (FP-K0820-10)

## FEATURES

• UL864 listed
• Fully user programmable by point or zone.
• Stores 1000 last events in history log
• Can be networked with additional Delta AP, Elite RS and XT+ Releasing Control Unit

## PRODUCT OVERVIEW

Delta AP is a versatile range of open protocol fire alarm control panels. Available with one or two detection loops, capable of hosting up to 127 devices per loop.

# Kentec Syncro AS Analogue Addressable Fire Control Panel

■
**Product Code:** 10996
**Product Description:**
Kentec Syncro AS Analogue Addressable Fire Control Panel - Apollo Protocol, 1-Loop (A80161M2)

■
**Product Code:** 11022
**Product Description:**
Kentec Syncro AS Analogue Addressable Fire Control Panel - Apollo Protocol, 2-Loop (A80162M2)

## FEATURES

• EN54-2 / EN54-4 Compliant
• 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. Available with one or two detection loops, capable of hosting up to 127 devices per loop.

# Section D

Addressable Control
Panel Accessories

# Mini Switch Monitor

**Product Code:** 10981
**Product Description:**
Mini Switch Monitor
(55000-760APO)

## FEATURES

- VDS & LPCB Approved, EN 54-17 & EN 54-18 Compliant
- Voltage: 17 to 28 VDC
- Relative Humidity: up to 95%
- Operating Temperature: -20°C to 60°C

## PRODUCT OVERVIEW

The Mini Switch Monitor is designed to monitor the state of one or more single-pole, volt-free contacts. It also reports the contact status to Apollo compatible fire control panels.

# Intelligent Input /Output Unit

**Product Code:** 11021
**Product Description:**
Intelligent Input/Output Unit
(SA4700-102APO)

## FEATURES

- VDS & LPCB Approved, EN 54-17 & EN 54-18 Compliant
- Voltage: 17 to 35 VDC
- Relative Humidity: up to 95%
- Operating Temperature: -40°C to 70°C
- IP Rating: IP52

## PRODUCT OVERVIEW

The Intelligent Input/Output Unit provides supervision of one or more normally open contacts.

# Section D

Addressable
Detection Items

# Addressable Optical Smoke Detector

■

**Product Code:** 10962
**Product Description:**
XP95 Addressable Optical Smoke Detector (55000-620APO)

LPCB | VdS

## FEATURES

- VDS & LPCB Approved, EN 54-7 Compliant
- Voltage: 17 to 28 VDC
- Relative Humidity: up to 95%
- Operating Temperature: -20°C to 60°C
- IP Rating: IP44

## PRODUCT OVERVIEW

The XP95 Optical Smoke detector uses light sensing technology to detect a fire.

# Addressable Heat Detector

■

**Product Code:** 10968
**Product Description:**
XP95 Addressable Heat Detector (55000-420APO)

LPCB | VdS

## FEATURES

- VDS & LPCB Approved, EN 54-5 Compliant
- Voltage: 17 to 28 VDC
- Relative Humidity: up to 95%
- Operating Temperature: -20°C to 70°C
- IP Rating: IP54

## PRODUCT OVERVIEW

The XP95 Heat Detector range monitors temperature by using a single thermistor which provides a count output proportional to the external air temperature. This range features two heat detectors, standard (A2S device) and high temperature (CS device).

# Addressable Base for Detector

■

**Product Code:** 10963
**Product Description:**
XP95 Mounting Base
(45681-210APO)



LPCB  VdS

## FEATURES

- VDS & LPCB Approved
- XPERT Addressing
- Locking feature to prevent unauthorized detector removal

## PRODUCT OVERVIEW

All detectors in the Discovery and XP95 ranges fit the Intelligent Mounting Base.

# Addressable Sounder / Beacon Base

■

**Product Code:** 10969
**Product Description:**
Sounder / Beacon Base (45681-331APO)



LPCB

## FEATURES

- LPCB Approved
- Voltage: 17 to 28 VDC
- Relative Humidity: up to 95%
- Operating Temperature: -20°C to 60°C
- IP Rating: IP21C

## PRODUCT OVERVIEW

The Sounder Beacon Bases are comprised of a loop-powered sounder and beacon combined with a standard XP95/Discovery mounting base.

# Addressable Manual Call Point

■

**Product Code:** 10964
**Product Description:**
Intelligent Manual Call Point (Red)
(58100-908APO)



## FEATURES

- LPCB Approved, EN 54-11 & EN 54-17 Compliant
- EMC Directive 2014/30/EU Compliant
- Voltage: 17 to 28 VDC
- Relative Humidity: up to 95%
- Operating Temperature: -20°C to 60°C
- IP Rating: IP24

## PRODUCT OVERVIEW

When a Manual Call Point (MCP) is activated, it interrupts the normal protocol to give a fast response.

# Addressable Weatherproof Manual Call Point

■

**Product Code:** 10980
**Product Description:**
Intelligent Weatherproof Manual Call Point (Red) (58100-950APO)



## FEATURES

- LPCB Approved, EN 54-11 & EN 54-17 Compliant
- EMC Directive 2014/30/EU Compliant
- Voltage: 17 to 28 VDC
- Relative Humidity: up to 95%
- Operating Temperature: -30°C to 70°C
- IP Rating: IP67

## PRODUCT OVERVIEW

The Weatherproof Manual Call Point has been designed for outdoor applications and for places where moisture can occur. When activated, it interrupts the polling cycle for a fast response.

# Section D

Addressable
Sounders

# Addressable Weatherproof Sounder

■

**Product Code:** 10967
**Product Description:**
Intelligent Weatherproof Sounder Red
(55000-274APO)



LPCB

## FEATURES

- LPCB  Approved
- Voltage: 18 to 28 VDC
- Operating Temperature: -20°C to 70°C
- IP Rating: IP66

## PRODUCT OVERVIEW

The Weatherproof Multi-Tone Open-Area Sounder is designed for use in open areas and can be connected to any Discovery or XP95 system.

# Addressable Weatherproof Sounder / Beacon

■

**Product Code:** 10965
**Product Description:**
Intelligent Open-Area Sounder / Beacon Red (55000-005APO)



LPCB   VdS

## FEATURES

- LPCB & VDS Approve, EN 54-3 Compliant
- Voltage: 17 to 28 VDC
- Relative Humidity: up to 95%
- Operating Temperature: -10°C to 55°C
- IP Rating: IP65

## PRODUCT OVERVIEW

The Intelligent Open-Area Sounder/ Beacon is designed for use in open areas and can be connected to any XP95, Discovery or CoreProtocol system.

# Section E

Marine Panels for small sea-going vessels

# FPX103C FirePro Marine Fire Control Panel

■

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

## FEATURES

- MCA Approved
- Manual or automatic activation of Condensed Aerosol Generators
- Visual and audible warning of detector and extinguisher line faults
- Time delay option

## 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 conventional detectors for 24V panel supply and up to two with a 12V panel supply.

**FirePro.** Product Catalogue

# Section E

■

## Marine Panels for sea-going vessels (IMO)

# FS-12 Marine
# Fire Control Panel

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





DNV

## FEATURES

• DNV approved
• Designed according to IMO MSC.1/Circ.1270
• One Detection input, supervised
• Double loop extinguishing output
• Dual power source input
• IP Rating: IP44

## PRODUCT OVERVIEW

The FS-12 Marine Fire Control Panel is built to activate and monitor up to 50 FirePro condensed aerosol generators as part of a manually operated fire suppression system on a vessel.

# FS-12 Remote Activation Switch

**Product Code:** 11094
**Product Description:**
FS-12 Remote Activation Switch



## FEATURES

• Designed according to IMO MSC.1/Circ.1270
• Double action activation switch

## PRODUCT OVERVIEW

The FS-12 Remote Activation Switch is used to activate the condensed aerosol generators from remote locations.

**FirePro.**

# Substation for FS-12 Marine Panel

**Product Code:** 10240
**Product Description:**
Substation for FS-12 Marine Panel



DNV

## FEATURES

- DNV approved
- Each Substation unit is connected to one Condensed Aerosol Generator
- IP rating: IP44

## PRODUCT OVERVIEW

The Substation provides a bridge between the condensed aerosol generators and the FS-12 marine panel. This bridge gives the ability to the system to provide a double power loop, supervision of condensed aerosol generators etc.

# Marine AMAC Panel



## FEATURES

- Designed according to IMO MSC.1/Circ.1270
- Voltage free contacts for remote signalling
- Remote Control box (optional)
- Time delayed releasing function (optional)

## PRODUCT OVERVIEW

The AMAC (Aerosol Marine Activation & Control) panel is built to activate up to 84 Firepro Aerosol Extinguishers in machinery spaces and pump rooms. The panel includes an LCD display (optional) which allows easy configuration and operation of the panel.

Product Code: 10751
Product Description:
AMAC Carbon Steel, No Display, No Delay, for 4 Aerosol Generators

Product Code: 10753
Product Description:
AMAC Carbon Steel, No Display, No Delay, for 8 Aerosol Generators

Product Code: 10736
Product Description:
AMAC Carbon Steel, No Display, With Delay, for 4 Aerosol Generators

Product Code: 10738
Product Description:
AMAC Carbon Steel, No Display, With Delay, for 8 Aerosol Generators

Product Code: 10755
Product Description:
AMAC Stainless Steel, With Display, No Delay, for 4 Aerosol Generators

Product Code: 10757
Product Description:
AMAC Stainless Steel, With Display, No Delay, for 8 Aerosol Generators

Product Code: 10740
Product Description:
Product Description:
AMAC Stainless Steel, With Display, WithDelay, for 4 Aerosol Generators

Product Code: 10742
Product Description:
AMAC Stainless Steel, With Display, With Delay, for 8 Aerosol Generators

*The above configurations are indicative

# Section E

Marine Detectors, Sounders & Accessories

# Marine Sounder / Beacon

**Product Code:** 11067
**Product Description:**
Marine Approved - Spatial Sounder/
Beacon 24Vdc (VTB-32EM-DB-RB/RL)



## FEATURES

- Approved to Marine Equipment Directive 2014/90/EU (incl. IEC 60092-504, IEC60533, EN 54-3), ABS approved
- EMC testing to: IEC 60533
- Operating Temperature: -20°C to +70°C
- 32 Tone
- Voltage: 21 - 28 VDC
- IP Rating: IP65

## PRODUCT OVERVIEW

The Marine Equipment Directive (MED) and American Bureau of Shipping (ABS) approved range of spatial sounder/beacons have been developed, tested, and manufactured specifically for use in the Maritime industry.

# Orbis Marine Smoke Detector

**Product Code:** 11017
**Product Description:**
Orbis Marine Optical Smoke Detector with flashing LED (ORB-OP-42003-MAR)
[Without Base]



## FEATURES

- Complies with Marine Equipment Directive 2014/90/EU, EN54-5 and EN54-7
- Voltage: 8.5-33 VDC
- Operating Temperature: -40°C to 70°C

## PRODUCT OVERVIEW

Orbis Marine Optical Smoke Detectors use light sensing technology to detect a fire. Their remarkable optical design enables them to respond to a wide spectrum of fires.

# Orbis Marine Heat Detector



**Product Code:** 11018
**Product Description:**
Orbis Marine CS Heat Detector with Flashing LED (ORB-HT-41018-MAR) [Without Base]

## FEATURES

- DNV approved
- Complies with Marine Equipment Directive 2014/90/EU, EN54-5 and EN54-7
- Voltage: 8.5-33 VDC
- Operating Temperature: -40°C to 70°C

## PRODUCT OVERVIEW

Orbis Marine Heat Detectors casing enables air to flow freely across a thermistor, which measures the air temperature. Rate-of-rise detectors determine how fast the temperature is increasing, while static heat detectors respond only when a fixed temperature has been reached.

# Orbis Marine TimeSaver Base



**Product Code:** 11019
**Product Description:**
Orbis Marine TimeSaver Base (ORB-MB-00001-MAR)

## FEATURES

- Complies with Marine Equipment Directive 2014/90/EU, EN54-5 and EN54-7
- Multiple fixing centers

## PRODUCT OVERVIEW

The Orbis Marine TimeSaver Base has been designed to make installation fast and simple.

# Section F

Indicative
Pre-engineered
System Designs

# Pre-engineered System Design
As per NFPA2010

Optional integration with addressable fire alarm system

STOP EXTINGUISH

## Conventional Fire Suppression System

| | | Product Description | Product Code |
|---|---|---|---|
| 1. | Fire Alarm & Extinguishing Panel | FirePro Delta FS | 10279 |
| 2. | 1st Stage Sounder (Bell) | GB6-24 | 10424 |
| 3. | 2nd Stage Sounder / Beacon (Horn / Strobe) | GEC3-24WR | 10793 |
| 4. | Gas Release Sign | LF20W | 11411 |
| 5. | Panel Input Zone 1, Smoke Detector | VF2044-00 | 10961 |
| 6. | Panel Input Zone 2, Heat Detector (RoR) | VF2020-00 | 10639 |
| 7. | Disconnect (Extinguishant Disablement) Switch | FP-K1832-10 | 10515 |
| 8. | System Abort Switch | FP-K1823-10 | 10423 |
| 9. | Sequential Activator | FPSA-32G | 10173 |
| 10. | FirePro Condensed Aerosol Generators | FP-3000S | 10393 |
| 11. | Emergency Power - Off System | | |
| 12. | Manual Release Button | | |

## Addressable Fire Alarm System

13. Addressable Fire Alarm Panel
14. Sounder
15. Smoke Detector
16. Heat Detector
17. Manual Call Points
18. Input / Output module

## Pre-engineered System Design
As per EN15276 / ISO15779

**Conventional Fire Suppression System**

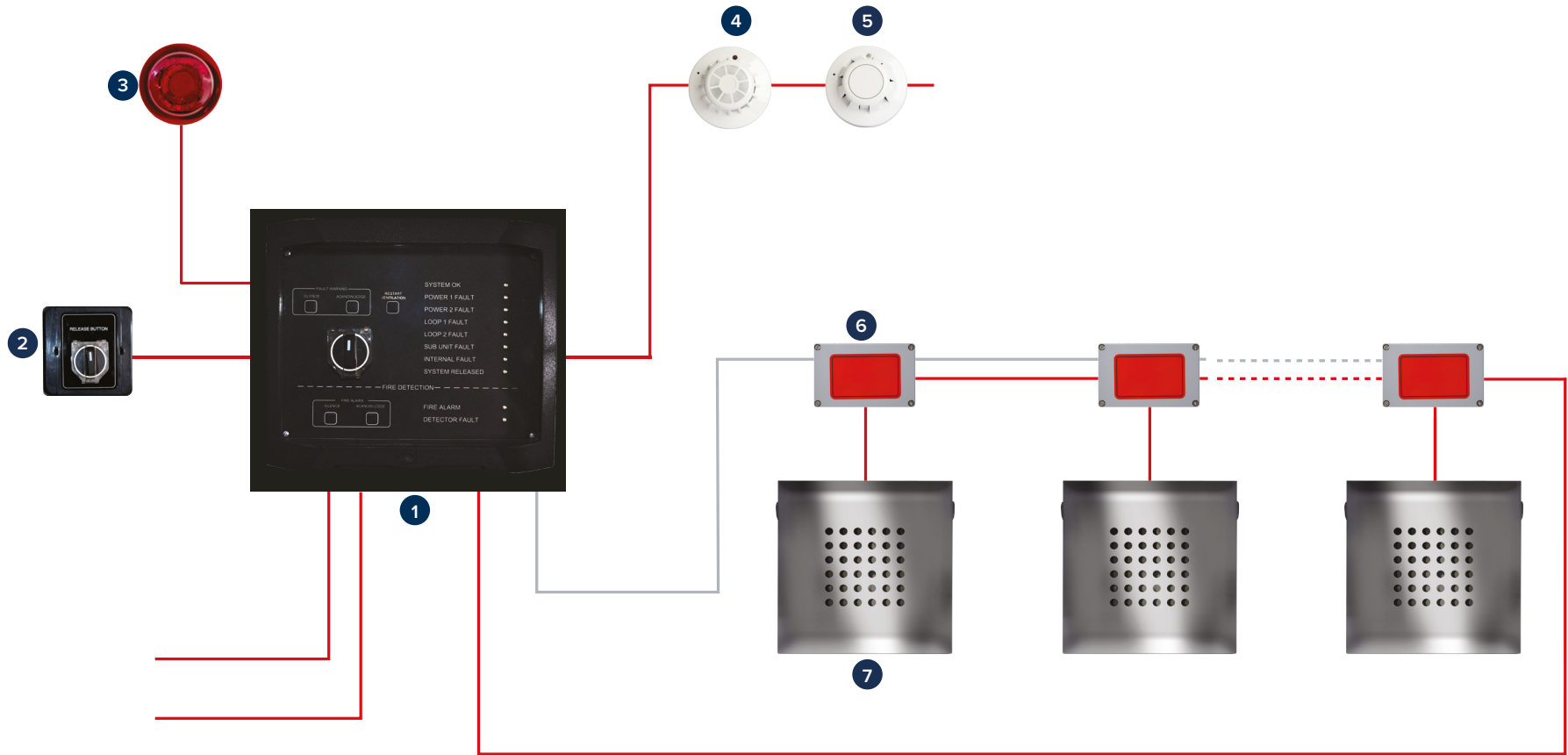| | Product Description | Product Code |
|---|---|---|
| 1. Fire Alarm & Extinguishing Panel | FirePro-Kentec Sigma XT | 10176 |
| 2. 1st Stage Sounder (Bell) | VBL-24AP | 11070 |
| 3. 2nd Stage Sounder / Beacon (Horn / Strobe) | VTB-32E-SB-RB/RL | 11069 |
| 4. Gas Release Sign | LF20W | 11411 |
| 5. Panel Input Zone 1, Smoke Detector | 55000-317APO | 10991 |
| 6. Panel Input Zone 2, Heat Detector (RoR) | 55000-122APO | 10992 |
| 7. System Isolation Switch | RP-BD2-11-CL | 10187 |
| 8. Emergency Hold Device | KB91000M10 | 10359 |
| 9. Sequential Activator | FPSA-32G | 10173 |
| 10. FirePro Condensed Aerosol Generators | FP-3000S | 10393 |
| 11. Emergency Power - Off System | | |
| 12. Manual Release Button | | |

**Addressable Fire Alarm System**

13. Addressable Fire Alarm Panel
14. Sounder
15. Smoke Detector
16. Heat Detector
17. Manual Call Points
18. Input / Output module

Optional integration with addressable fire alarm system

STOP EXTINGUISH

**FirePro.** Product Catalogue

Product Catalogue **FirePro.**
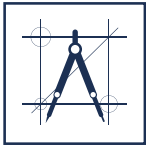
# Pre-engineered System Design
As per IMO/MSC 1270

| Marine Fire Suppression System | Product Description | Product Code |
|---|---|---|
| 1. Fire Control Panel | FS-12 | 10166 |
| 2. Remote Activation Switch | FS-12 Remote Activation Switch | 11094 |
| 3. Sounder / Beacon | VTB-32EM-DB-RB/RL | 11067 |
| 4. Heat Detector | ORB-HT-41018-MAR | 11018 |
| 5. Smoke Detector | ORB-OP-42003-MAR | 11017 |
| 6. Substation | FS-12 Substation | 10240 |
| 7. FirePro Condensed Aerosol Generators | FP-3000S | 10393 |

# FirePro Warranty
# and Products Disclaimers

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

### PRODUCT DISCLAIMERS
FirePro Systems Ltd makes no representations or warranties of any kind, either express or implied, statutory or otherwise, including but not limited to warranties of merchantability, fitness for a particular purpose, of title, or of non-infringement of third party rights, including the intellectual property rights of others.

For Materials or Equipment manufactured by Third Parties and not by FirePro Systems Ltd, the Buyer shall only be entitled to the benefit of any such warranty or guarantee as is given by the Third Party manufacturer to FirePro Systems Ltd.

### LIMITATION OF LIABILITY
In no event, regardless of cause, shall FirePro Systems Ltd be liable for any indirect, special, incidental, punitive or consequential damages of any kind, whether arising under breach of contract, tort (including negligence), strict liability or otherwise, even if advised of the possibility of such damages.

### NOTE
FirePro is constantly updating its products and systems to the state of the art and therefore reserves the right to make changes in design, equipment and technology. You cannot therefore base any claims on the data, illustrations or descriptions contained in this literature.

# FirePro.

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