ProPointPlus™
Early Warning Aspirating Fire Detector

SAEVu
BY SPACE AGE ELECTRONICS

■ Features

- 1 - 4 Individual detectors per aspirator(providing up to 4 separately identifiable areas)

- High performance optical 'Scatter Chamber Detectors' (SCD)

- Multiple language, multi-function LCD display

- Simple install and commission process generally without the need for a laptop connection

- Built-In algorithm to reduce unwanted alarms

- Airflow monitoring per pipe

SECURITY & FIRE EXCELLENCE AWARDS 2015
Supported by IPSEC International and FIREX International
WINNER
Active Fire Innovation
Product of the Year

GOLD MEDAL 2016
GOLD MEDAL OF THE POZNAN INTERNATIONAL FAIR SECUREX FOR INNOVATION AND SUPERIOR TECHNOLOGY

GALERÍA DE NUEVOS PRODUCTOS sicur
Dos novedades para la detección precoz de incendios: Cirrus HYBRID y Cirrus HYBRID SCAN de PROTEC FIRE DETECTION SPAIN SL

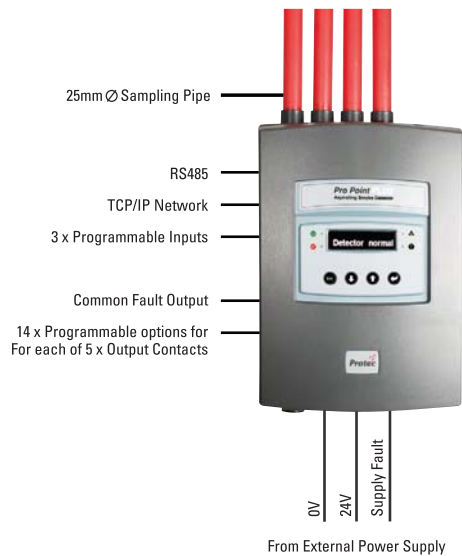INTERNATIONAL FIRE INDIA 2017
EXHIBITION & CONFERENCE
INNOVATION 2017

■ Description

Aspirating detection is now a recognised solution for many different fire detection applications. ProPointPlus provides up to four separate detectors within a common aspirator enclosure and therefore provides four individually identifiable areas of detection per aspirator. Each of the four plug-in 'Scatter Chamber Detectors' (SCD)'s detector modules can be either 'optical' only or combined 'optical/enhanced CO' detectors, the CO sensor is only suitable for small room applications. Independent and integrated alarm decision making through the use of complex algorithms extend the range of particle detection, confirm genuine alarms and reduce unwanted alarms.Installation, configuration and commissioning of ProPointPlus detectors is very simple and installer friendly. Configuration to either Class A, Class B or Class C sensitivity options is achieved through a multi-language, multi-function

LCD display generally without the need for a laptop connection. Detector set up allows the installer to configure the detector sensitivity to an equivalent setting, as a known number of point type smoke detectors. This ensures the system specifier, designer, installer and commissioning engineerconfigure the ProPointPlus SCD's to the correct sensitivity for the particular application. Aspirator fan speed and airflow configuration is a also a very simple process allowing ProPointPlus aspirating detectors to be installed in a variety of applications with short and relatively long pipe runs.

Connections

25mm ⌀ Sampling Pipe

RS485

TCP/IP Network

3 x Programmable Inputs

Common Fault Output

14 x Programmable options for
For each of 5 x Output Contacts

0V 24V Supply Fault

From External Power Supply

Application Guide

Class A - High Sensitivity Applications include:-
Small Computer Rooms, Cleanrooms, Data Centres, Control Rooms, Archive Storage & EDP areas

Class B - Enhanced Sensitivity Applications include:-
Small Historic Buildings, Museums, Theatres, Galleries, High Ceiling Areas, Small Clean Warehouses & Small Atria Areas

Class C - Normal Sensitivity and Harsh Environment Applications include:-
Lift/Elevator Shafts, Small Cold Storage Facilities, Clean Warehouses, Atria, Inaccessible Voids & Up to 4 x separately identifiable Prison Cells per aspirator.

Supply Voltage	21 - 29VDC	**Programmable Inputs**	3 monitored inputs that may be configured for Isolate, Reset, Silence, Battery Fault and Mains Fault
Power Consumption	9.6 watts quiescent (24VDC 100% Fan Speed)		
		Programmable Output Relays	5 Relays rated 1A @ 30VDC (Volt-free change over contacts)
Current Consumption	300mA with blower @ 30% 400mA with blower @ 100%		
		Event Log / Data Retention	24,000 events stored on FIFO basis (alarms, actions, faults and data points) (Approx 30 day historical graph data)
Operating Conditions Detector Ambient Tested to Sampled Air Humidity	0˚C to 38˚C (32˚F to 100˚F) 0˚C to 55˚C (32˚F to 131˚F) -20˚C to 60˚C (-4˚F to 140˚F) 10 - 95%RH, non-condensing		
		EN54 & AS7240 Approved Sensitivity Settings	Optical only SCD Class A - 3 holes per detector (per pipe) Class B - 5 holes per detector (per pipe) Class C - 12 holes per detector (per pipe)
IP Rating	Ip20		
Sampling Network	Up to four inlet ports. Maximum pipe lengths specific to each individual design. All designs to be verified by 'ProFlow' sampling pipe calculation program. Maximum transport time 120 seconds.	**Coverage**	Up to 54,000sq.ft.
		Sample Points	Up to 60
		Airflow Monitoring	'High Airflow' and 'Low Airflow' fault monitoring.
Pipe ID	3/4" or 25mm	**Weight**	3kg (6.6lbs)
Alarm Indications	Pre-alarm warning and Fire per pipe	**Dimensions (mm)**	380(H) x 250(W) x 137(D)
Other Indications	Supply Healthy, General Fault	**Relevant Standard**	EN54 Part 17 & 20, AS 7240 Part 20