

## ProPoint PLUS Detector



The ProPoint PLUS aspirating detection system is highly advanced and reliable. It can detect up to four different pipes per aspirator, each with its own identifiable Scatter Chamber Detector (SCD) module to detect smoke at the earliest possible stage.

### Standards / Approvals

- UL
- ULC
- FM

### Technical Specification

Supply Voltage	21 - 28VDC
Current Consumption @ 24VDC, 100% Fan 4 pipe	580mA quiescent   620mA alarm
Operating Temperature Range	0°C to 37.8°C (32°F to 100°F)
Application Sampled Air Temperature	-20°C to 60°C (-4°F to 140°F)
Humidity	10 - 93%RH (no icing / non-condensing)
IP Rating	IP30
Cable access	10 x 20mm knock outs
Cable Termination	Screw terminal blocks (0.2 - 2.5mm <sup>2</sup> , 30 - 12AWG)
Pipe Outer Diameter	25mm, push to fit tapered inlet
Alarm Indications	Pre-alarm/Stage 1, Fire 1 to 3/Stage 2 to 4
Other Indications	Supply Healthy, General Fault, OLED Display with four navigation buttons
Fault Contact	Rated at 30VDC 1A maximum [Normally closed]
Programmable Output Contacts	5 contacts rated 30VDC 1A [Volt-free change over contacts with 28 programming options]
Programmable Inputs	3 monitored inputs that may be configured for Isolate, Reset, Silence, Battery Fault and Mains Fault
Event Log / Data Retention	24,000 events stored on FIFO basis (alarms, actions, faults and data points) (Approx 30-day historical graph data)
Sensitivity Range	<p>Optical Detection Range:            0.02%obs/m to 6.0%obs/m            0.006%obs/ft to 1.8%obs/ft</p> <p>Hole Sensitivity Range:            0.5%obs/m to 6.0%obs/m            0.15%obs/ft to 1.8%obs/ft</p> <p>Carbon Monoxide Detection Range:            1 to 150 ppm</p>

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### Technical Specifications Continued

Threshold Settings Compliant Maximum	Summation of 60 holes per detector @ 15 holes per pipe
Sampling Pipe Network	<small>*Application dependent. Consult product manual for more information</small> Number of inlet ports: Up to four Pipe Network Design Tool: ProFlow Maximum pipe length: Specific to individual design. To be compliant to local design codes and verified by ProFlow.
Airflow Monitoring	'High Airflow' and 'Low Airflow' fault monitoring
Weight	3kg (6.6lbs)
Dimensions (mm)	380(H) x 250(W) x 137(D)

### Product Codes

ProPoint PLUS OPCO - 1 Pipe 61-986-104-FMUL-OP1

ProPoint PLUS OPCO - 2 Pipe 61-986-104-FMUL-OP2

ProPoint PLUS OPCO - 3 Pipe 61-986-104-FMUL-OP3

ProPoint PLUS OPCO - 3 Pipe 61-986-104-FMUL-OP3