Make your operation run more intelligently to protect people, property and your bottom line
E³Point Toxic and Combustible Gas Monitor

Flexible Operation
• Comes in standalone, standalone with remote (dual gas mode) or network versions
• Connects to analog or digital systems
• Works with virtually any BAS including BACnet, Modbus
• Wall or duct mount
• Factory-calibrated cartridges

Cost Effective
• Saves energy through Demand Control Ventilation (DCV)
• Simplifies installation/maintenance through plug-n-play sensor
• Remote sensor option provides dual gas monitoring (standalone version only)
• Optimizes BAS, fire, ventilation and other security systems

Versatile Communications
• Works through BAS to improve fault diagnostics and collect data on gas concentration levels, sensor condition, etc.
• Couple with 301C to log data and daisy-chain up to 96 E³Point units

Advanced Sensing Technology
• Detects CO, NO₂, O₂, H₂, H₂S, CH₄, C₂H₆
• Advanced electrochemical (for toxic gases) and catalytic bead (for combustible gases) sensor performance
• Uses patented Reflex® and smart cartridge technologies

Range of Accessories
• Factory-calibrated replacement cartridges
• Power transformer
• Vandal-resistant steel wire detector guards
• Tamper-proof screws
• Horns and strobes

Electrical Certifications
• US (ANSI/UL 61010-1)
• Canada (CSA C22.2 No. 61010-1)

* pending - call your sales rep for information

E³Point goes beyond protection to offer your building greater performance and productivity.

Plug-N-Play Ease
E³Point’s plug-n-play sensor is factory calibrated and works out of the box. Upon installation, E³Point automatically configures for quick operation. You benefit from easier installation and maintenance, and greater adaptability to changing building and safety requirements.

Reflex® Keeps You Safer
Only Honeywell’s patented Reflex® technology adds this extra degree of precision and diligence to sensor monitoring to make doubly sure you’re safe. Reflex bounces electrical signals into the E³Point electrochemical sensor cell at regular intervals, a form of electronic bump testing and continuous monitoring of cell response.

Oscilloscope graph shows cell responding to Reflex pulse, indicating sensor condition.

Efficient Operations + Energy Savings + Economical Value = E³Point

Smart sensor design, extreme temperature range, etc. optimize building performance
On-demand ventilation controls energy use
Reduces cost of installation, operation and maintenance

GREEN shows optimal sensor condition (dynamic responsiveness to gas).
RED shows degraded sensor condition (indicating cell dry-out or failure).
Flexible Applications

E3Point integrates easily with your building’s analog or digital infrastructure as a standalone unit or network addressable device. Here are four installation examples to make E3Point work for you.

**E3Point Standalone Single-Sensor Operation**

A low-cost application for buildings with minimal gas monitoring requirements typical of a small facility. Offers easy installation, commissioning and operation. Two on-board relays can activate fan or strobe.

**E3Point Standalone Dual-Gas Sensor Operation**

Economical application adds option of a second (remote) sensor for dual gas monitoring. Two on-board relays can activate ventilation or strobes.

**E3Point/Modbus Configuration**

Supports Modbus protocol to daisy-chain E3Point detectors, providing up to 96 points of monitoring on a serial bus. Excellent option for controller-based (VA301C) installations common in larger applications. A relay output is provided as an option for activating ventilation directly (e.g. when fan is located in close proximity to detector).

**E3Point/BACnet IP Configuration**

E3Point outputs directly to BACnet or other BAS. Alarms, strobes and horns are activated through BAS with link to DVC/HVAC controls. This system design supports new and retrofit installations for large buildings, and can couple with a controller to effectively integrate wired system components. A relay output is provided as an option for activating ventilation directly (e.g. when fan is located in close proximity to detector).
E³Point Expands the Range of Gas Detection to Serve Practically All Building Areas, Including Outbuildings

Dual-Gas Detection In Many Combinations

E³Point's standalone, dual-gas configuration monitors two gases simultaneously and cost effectively, in any of the following combinations: toxic-toxic, toxic-combustible, oxygen-toxic, or oxygen-combustible.

Find out more
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