

**Examples of
Gas Detection
System Layouts**

Zareba Fixed Point Gas Detection



Throughout the Building Services Industry, there are many different applications that require gas detection equipment. From simple small systems for detecting flammable gas leaks in boiler rooms to larger addressable systems monitoring toxic gases in underground car parks, it is important to understand the application and then to select the most appropriate equipment.

The Zareba range of flammable and gas toxic detection equipment provides an economic and comprehensive range of detectors, transmitter and controllers that can be mixed and matched to meet the individual requirements of each application. The common design platform used throughout the range simplifies its specification, installation, operation and maintenance.

The schematics opposite provide typical examples of the types of system that may be required including a brief summary of each components features and capabilities. For further detailed information on a particular product please refer to its individual datasheet.

With over 40 years experience in the specification of these types of systems Honeywell Analytics is perfectly placed to help you select the right equipment for your application. Contact your local Honeywell Analytics representative for further assistance.

Gas Detectors

Single Channel
DIN Rail Mounted
Controller



Signalpoint

- Flammable and toxic gas versions
- Suitable for indoor use
- Integral visual alarm (toxic gas)

Single Channel
Wall Mounted
Controller



Sensepoint

- ATEX certified flammable and toxic gas versions
- In/outdoor use
- Wide range of gases

Up To 4 Channel
Wall Mounted
Controller (Multi
System Linkable)



Multipoint
Addressable



Remote Override Box

- Remote ventilation control
- Can connect to 3rd party mimic panels
- Connects anywhere on detector circuits



Metro Detectors

- Flammable and toxic gas versions
- Mains powered addressable
- Integral audible and visual alarms

Standalone Gas
Transmitters



Sensepoint Plus

- ATEX certified flammable and toxic versions
- 4-20mA and local inhibit
- One man non-intrusive calibration

System Layout Examples



Controllers

Executive Actions



Unipoint

- Multiple units use common power bus
- Menu driven LCD display
- Inbuilt audible and visual alarms



Output Capability

- 3 alarm relays
- 1 fault relay
- Remote accept, reset and inhibit* (*inhibit on mA version only)



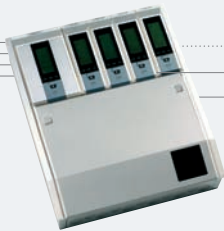
Touchpoint 1

- AC or DC operation
- In-built audible and visual alarms
- On screen event history



Output Capability

- 2 alarm relays
- 1 fault relay
- Isolated 4-20mA



Touchpoint 4

- 4 channel version of Touchpoint 1
- Up to 32 controllers can be linked via RS485.
- Remote reset capability



Output Capability

- 2 alarm relays (per channel) plus master alarm and fault
- Isolated 4-20mA
- RS485
- Dedicated audio/visual drives



Infrared Remote Control

- Remote system configuration and interrogation

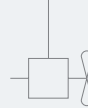


Metro Controller

- Two addressable circuits
- Capable of driving up to 250 detectors
- Software configurable alarm logic
- On screen event review



Evacuation Sign



Fan



Output Capability

- 8 relays: grouped, voted or instantaneous
- RS485



Sensepoint Pro

- ATEX certified flammable and toxic gas versions
- 4-20mA and relay outputs
- Local display and infrared remote controller

Proprietary BMS input module



Building Management System Display



Single Point Monitor Vertex™ Model IR-148 Midas® CM4 Chemcassette® IN-USA

MDA Scientific is the leading fixed solution for the semiconductor industry



Impulse XT Impulse XP Impulse X4 Impact Enforcer Safelink

Neotronics is the tough, portable range of gas detectors



Apex Searchline Excel Searchpoint Optima Plus Signalpoint System 57 Searchflame 16 705 HT Sensor

Sieger's robust fixed detection is crucial for gas monitoring in extreme conditions



Sensepoint Sensepoint Plus Sensepoint Pro Touchpoint 1 Touchpoint 4 Metro Metro controller Unipoint

Zareba makes compliance with health and safety simple

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