



INDUSTRIAL FIXED

Searchpoint Optima Plus Point Infrared Gas Detector

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Overview



Feedback

Infrared point hydrocarbon gas detector certified for use in potentially explosive atmospheres

Product Overview:

With over 40 years experience in the design, manufacture, installation and maintenance of point infrared gas detection, Honeywell Analytics currently has a worldwide installed base of over 100,000 infrared point hydrocarbon gas detectors in a wide spectrum of applications from light industrial to the most demanding of offshore environments.

Searchpoint Optima Plus is an infrared point Hydrocarbon gas detector certified for use in potentially explosive atmospheres. The unit's infrared detection principle offers the fastest speed of response and fail-to-safe operation, ensuring that your plant is compliant, your personnel are protected and your production process can deliver maximum uptime. Reduced routine maintenance, when compared with conventional electro-catalytic based gas detectors, provides low ongoing cost of ownership. The development of advanced internal fault diagnostics and false alarm rejection algorithms ensures that the Searchpoint Optima Plus delivers the highest level of operational integrity.

Typical Applications:

Offshore oil and gas platforms, floating production storage and offloading (FPSO) vessels, tankers, onshore oil and gas terminals, refineries, LNG/LPG bottling plants, gas compressor/metering stations, gas turbine power plants, solvent printing and coating plants.

Over 100 gas and vapor calibrations available. For a list of gases and vapors that Searchpoint Optima Plus can detect, contact your local distributor.

Additional Features and Benefits:

Why Searchpoint Optima Plus is the right choice...

- Experience gained from over 100,000 units installed worldwide
- Improved reliability
- Optional HART® over 4-20mA output
- Can detect a wide range of hydrocarbon gases including solvents
- Increased reliability with no moving parts
- Increased stability from self compensating optics
- Immune to long term component drift
- Remote functional gas test facility
- Certified for North American and European Hazardous areas
- Increased false alarm rejection
- Increased uptime with contaminated optics warning
- Dynamic Heating Control ensures condensation free optics
- No undetected failures
- Improved diagnostics
- Integral event logging
- Reduced power consumption
- Certified to many hazardous area classification schemes including: UL, CSA, ATEX, IECEx and more

Why Infrared?

- Failsafe operation
- Fast speed of response
- Reduced routine maintenance
- Immune to catalytic poisons
- Long operating life
- Works in inert atmospheres

Features & Benefits:

- Over 100,000 units installed worldwide
- Improved reliability
- Fast speed of response

Quick Specs:

- Material: 316 stainless steel
- Response time: T50 < 3 seconds, T90 < 4 seconds (methane)
- Operational and certified: -40° to + 65°C temperature range

Fire and Gas Consultancy Services

Even the best products deserve expert maintenance!

Elevate your gas detectors' potential with Honeywell's expert maintenance services! Maximize uptime, eliminate costs, and ensure on-time, on-budget project completion.

[Explore our fixed, portable, and high-tech support services now!](#)

Specifications

BRAND

Brand

- Honeywell

CATEGORY

Sub-Category

- Infrared Gas Detectors & Transmitters

Product Number

04200-A-0145	ANALOG OUTPUT MODULE SINK 5704, OPTIMA
04200-A-0146	ANALOG OUTPUT MODULE SOURCE 5704, OPTIMA
04200-A-1015	OPTIMA (ATEX) DUCT MOUNT KIT NO JB
04200-A-1040	OPTIMA ADAPTER PLATE
04200-A-1055	OPTIMA DUST COVER
04200-N-0008	OPTIMA UL SS STANDARD BAFFLE
1283K2240	OPTIMA DUCT MOUNT KIT
2108B0220	OPT BLOCK ASSY
2108B0221	OPT BLOCK ASSY ETHYLENE
2108B0259	OPTIMA PLUS DUST FILTER

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Alternative Products

 [sps-his-excel-edge-colour-hr-square](#)

Searchline Excel™ Edge

Open Path Infrared Gas Detector - Long Range



Searchline Excel Open Path Infrared Gas Detector

Searchline Excel Open Path Infrared Gas Detector



OELD (Optima Excel Local Display)

OELD (Optima Excel Local Display)

Feedback



[The key to keeping workers safe is to avoid injuries in the first place. That begins with establishing cultural guidelines that help workers make the right decisions and build an atmosphere of trust.](#)

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