



Burner supervision is easy and accurate with Honeywell Solid-State Flame Detectors. Honeywell has a flare for sensing flame — after all, Honeywell has been developing flame-sensing products for more than 40 years. Solid-state flame detectors bring all of Honeywell's expertise and technology together. They feature wide spectral-response

ranges and recognize flame from many different fuels. Best of all, they're built by Honeywell, so you know they're built to deliver efficient, long-term performance.

Solid-State Flame Detectors

For all your flame-sensing applications, the solid-state technology in Honeywell flame detectors provides reliability and accuracy.

Why Solid-State Technology?

- Used with state-of-the-art Honeywell 7800 SERIES Burner Controls
- Wide spectral response ranges
- Recognizes flame from many different fuels
- Well-suited for process applications
- Well-suited for dual fuel applications (gas/oil)
- Robust and long life expectancy

Choosing The Right Flame Detector

Honeywell makes it easy to select the right flame detector for your application. Just use the Light Wavelength chart and model information below.

■ C7927 and C7961 Self-Check/Shutter UV Detectors

- Responds to light in the 200 – 390 nanometer range
- Detects UV radiation emitted by combustion flames
- For supervision of gas, oil or combination gas/oil burners

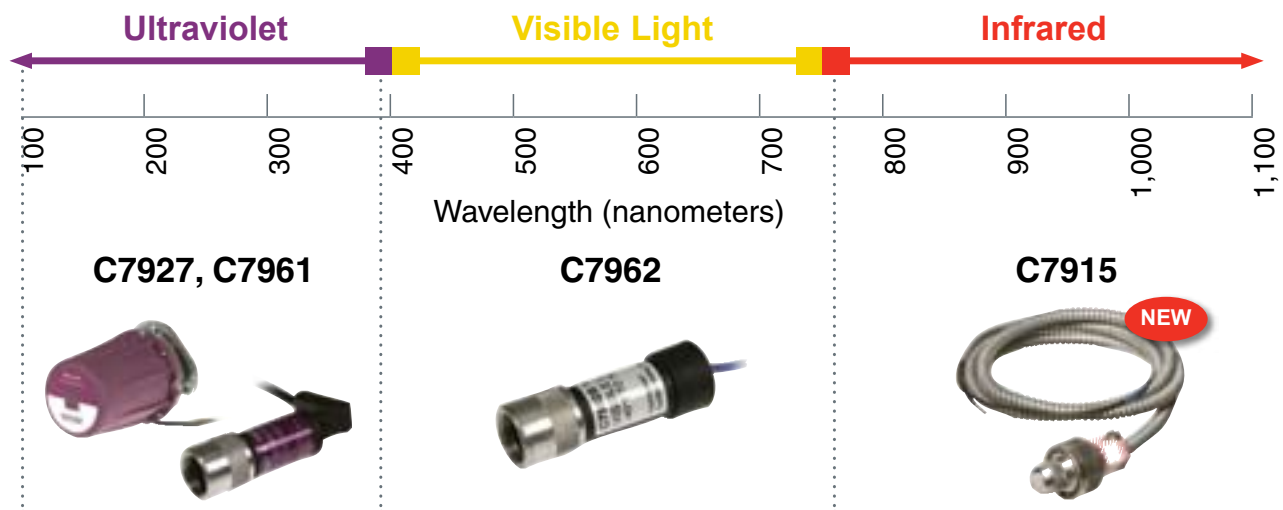
■ C7962 Visible Light Detector

- Responds to light in the 500 – 700 nanometer range
- Detects the visible light emitted by fuel oil combustion flames
- For supervision of fuel oil flame in commercial and industrial burners

■ C7915 IR Detector

NEW

- Responds to light in the 750 – 1,000 nanometer range
- Detects infrared light emitted by combustion flames
- For supervision of gas, oil, coal or combination gas/oil burners



Learn More

For more information about Honeywell Solid-State Flame Detectors, please contact your Honeywell distributor or visit <http://customer.honeywell.com>.

Automation and Control Solutions

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- Automatización
- Control
- Instrumentación
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Honeywell

The solution is within reach!



For the control, adjustment and safeguarding of your combustion process - Honeywell, the right choice

No need to look further than Honeywell for the latest in industrial burner control technology. Our products, with their accurate and reliable process control features, help you to achieve higher efficiency, more flexibility and increased productivity. Honeywell equipment also provides immediate access to vital process data.

Honeywell offers a complete combustion process control instrumentation package incorporating not only control of combustion, but also safeguarding and monitoring of the entire process.

When you select Honeywell equipment, you will be choosing products with a world-wide reputation for quality in safeguarding and monitoring of e.g. industrial process furnaces or other industrial combustion applications.

Honeywell equipment is approved in accordance with all the relevant standards and approvals required throughout the world.

Honeywell equipment, always on-hand with the right solution

Honeywell not only provides individual process control functions, we also provide solutions for the safest, most reliable and effective control of your combustion process.

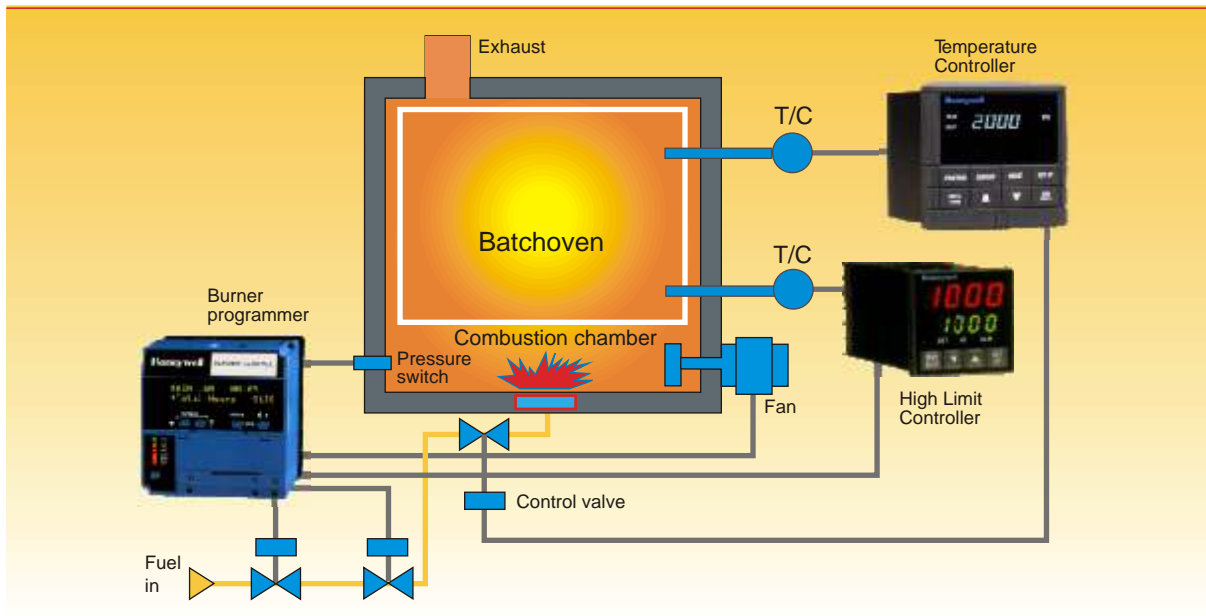
Every solution starts with a control system

The complete range of controls has been designed to provide target-oriented functionality. Solutions tuned to the requirements of your specific process. With Honeywell equipment you obtain just the functionality you require, no more no less.

Honeywell controls feature:

- Simple installation and maintenance
- Best price/performance ratio
- Target-oriented functionality
- Unrivalled accuracy and quality





Example of the control of a gas-fired batch furnace

The building blocks for perfect burner-control



UDC2000

The UDC2000 is a low-cost digital controller with an operating menu in various languages. The controller uses input signals from thermocouples, RTDs, mV, V, mA and RV. Ist installation dimensions are 96 x 96 mm.



EC7800 SERIES

The EC7800 SERIES is a microprocessor based burner programmer suitable for all types of flame detection systems. The burner programmer is of modular design and can be upgraded with various communication options. The keyboard display module is available in various languages.



VQ400

The VQ400 is a series class 'A' combination gas valve which ensures double safety in the gas supply. Because of their compact dimensions, these combination valves can be universally applied without any problems. Gas pressure switches and other functionalities such as external by-passes can be mounted direct on the valve housing if required.



ST3000

Microprocessor technology allows the ST3000 pressure transmitter to measure with exceptional accuracy, stability and reliability, and to compensate for variations in temperature and static pressure. The output signal is 4 to 20 mA in accordance with the digital enhanced or HART protocol.



STT250/350

The STT3000 series of smart temperature transmitters includes the high-performance specification STT350 and the STT250 head transmitter. The output signal is 4 to 20 mA in accordance with the digital enhanced or HART protocol.



C7027/61

The C7027 and C7061 are universally applicable UV flame detectors. They are particularly suitable for mounting directly on the burner. The C7061, with its dynamic self-check mechanism, is available for continuous burner systems, while the C7027 is aimed at burner systems in intermittent applications.

Honeywell

Combustion Controls Center Europe



- Automatización
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Honeywell... at home in burner control systems!

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