



### P7810 Series Electronic Boiler Pressure Control

# 3 controls in 1

## Versatile P7810 replaces three pressure controls

The P7810 Series Electronic Boiler Pressure Control gives you greater reliability, faster installation, more control options and other benefits. With the P7810 Series, one device handles control functions that used to require several separate controls. The technology: state-of-the-art electronics and solid-state sensing.

#### Key features

##### Faster, better

- **Solid-state electronics** and electronic diaphragm sensor perform sensing and control functions faster, better and more reliably than electromechanical devices
- **Quicker to install or retrofit** because one device handles several control functions
  - Fewer pipe fittings needed
  - Less learning time for installers

##### Versatile

- **Three operating ranges** cover 0 to 300 psi
- **Replace** almost any boiler pressure control with just one of four P7810 models
  - Performs on/off, firing-rate modulation, high-limit safety functions
  - Helps trim inventory and related costs
- **Mounts in virtually any spot** above the water line
  - Directly on a boiler
  - Next to the pressure gauge
  - At a remote location
  - Other

#### Easy, secure

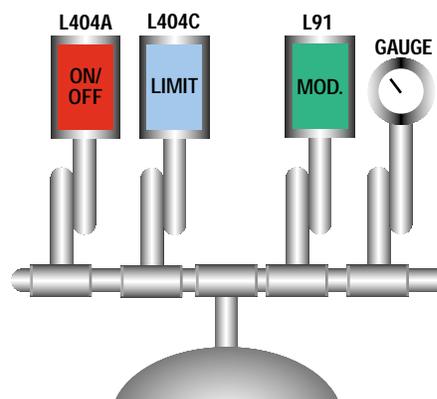
- **Clear plastic cover** lets you see LED status indicators and control settings
- **Recessed RESET** button is accessible even when the cover is closed
- **Secure**—requires a special tool (per industry standards) to adjust settings



#### Boiler pressure controls

##### Then

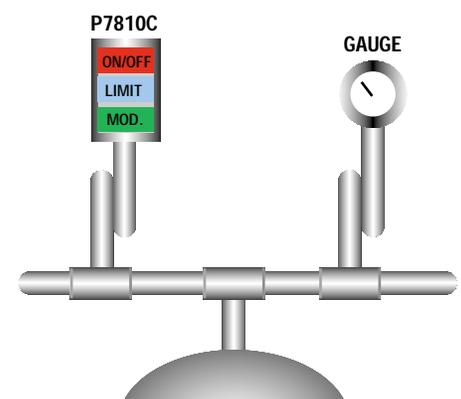
Separate controls for each function



- L404A on/off control
- L404C high-limit control
- L91 firing-rate modulation control

##### Now

One P7810C performs three functions



- On/off control
- High-limit control
- Firing-rate modulation control

# Technology that delivers

The P7810 Series handles three control functions



## P7810 Series Specifications

Model/Function				
P7810A	On/Off Control			
P7810B	On/Off Control + Modulate			
P7810C	On/Off Control + Limit + Modulate			
P7810D	On/Off Control + Limit			
Pressure Ratings				
Maximum Setpoint	Pressure Range	Overpressure	Burst Pressure	Differential
15 psig	0 to 15 psig	25 psig	60 psig	2 to 10 psi
150 psig	0 to 150 psig	225 psig	600 psig	5 to 20 psi
m300 psig	0 to 300 psig	450 psig	1200 psig	15 to 50 psi
Pressure Connection		1/4" NPT P7810 A/B, 1/2" NPT P7810 C/D		
Input Voltage		120V, 50/60 Hz		
Sensor Material		304 Stainless Steel		
Case Material		Plastic body. Clear plastic cover (standard on P7810C/D, optional on P7810A/B)		
Temperature Ratings				
Storage		-40 to 185° F (-40 to 85° C)		
Operating		32 to 149° F (0 to 65° C)		
Accuracy				
Compensated Range		+/- 4.0% Full Scale Output		
Power		2.6 W		
Contact Ratings				
N.O./Com		120 Vac, 9.8 AFL, 58 ALR, 10 A resistive		
Alarm		120 Vac, 1 amp pilot duty		
Dimensions		5.25 inches high x 4.75 inches wide x 3.25 inches deep		
Weight		1 lb. 15 oz.		
Approvals		UL, CSA, FM		

Available from your Authorized Honeywell Burner Boiler Control Distributor.

### Learn more

For more information, contact your Honeywell representative or go to [www.honeywell.com/bbc/](http://www.honeywell.com/bbc/)

**Honeywell**

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