



## How to cut your costs and improve reliability.

### Phase 2: Gas/air pressure switches

Relentless cost pressures. Callbacks that sap valuable technician time. Thinning profit margins. There's got to be a better way.

#### A better way

There's a new solution. It's from the technology leader dedicated to improving combustion equipment performance — and your business's performance — with a broad line of innovative products.

Introducing Honeywell's C6097 Gas/Air Pressure Switches, used to sense natural gas, LP gas or air pressure changes.

You'll appreciate their new, compact size. Lower cost, too. Plus, improved reliability so contractors and service reps get fewer callbacks. Use C6097 Pressure Switches on boilers, furnaces, ovens, kilns, rooftop units and other natural or LP gas combustion equipment.

#### The gas valve train of tomorrow...here *today*.

The C6097 Pressure Switches are part of Honeywell's new integrated gas valve train. The valve train's modular, bolt-together design helps you save time and money. It can help you significantly reduce conventional piping and threading operations, and overall assembly, inventory and service costs.

#### Easy connections

With the C6097 Pressure Switches' flanged design, you can mount them directly onto Honeywell's new integrated valve train. Gone are the days of needing to install pressure switches on welded or threaded pipe tees.

Continuing a tradition of the broadest, most flexible product offering in the industry, an NPT model also is available. It replaces traditional pressure switches that are connected to the gas or air tees via piping.

#### Honeywell

When you choose Honeywell, you can enjoy the convenience of one-stop shopping and the savings that come from single sourcing. When you choose Honeywell, you're choosing quality, reliability, and technology leadership.

#### Coming soon

Phase 3: The revolution continues.

## SPECIFICATIONS

### Models:

C6097A Pressure Switch:  
Breaks a circuit when pressure falls to scale setting. See Table 1.

C6097B Pressure Switch:  
Breaks a circuit when pressure rises to scale setting. See Table 1

**Minimum Ambient Temperature:**  
5°F (-15°C)

**Maximum Ambient Temperature:**  
140°F (60°C)

### Connections (Depending on Model):

1/4-18 NPT tapping for main or high-pressure connection.

1/8-27 NPT tapping for vent or low-pressure connection (air only).

Flange mount for connection to Honeywell Integrated Valve Trains (internal vent only, no external connections).

### Scale Range:

0.4 to 5" wc (0.10 kPa to 1.25 kPa).

3 to 21" wc (0.75 to 5.23 kPa).

12 to 60" wc (3.0 kPa to 15 kPa).

1.5 to 7 psi (10.3 kPa to 48 kPa).

### Approvals:

Underwriters Laboratories: Listed.

Canadian Standards Association: Listed.

Factory Mutual: Approved.

Industrial Risk Insurers: Acceptable.

CSD-1AFB: Acceptable.

### Accessories:

32003041-001 C6097

Cover for manual reset models.

32003040-001 C6097

Cover for recycle models.

32003039-001

Position Indication Lamp Kit.

Model	Operating Pressure Range	Manual Reset Differential		Non-Manual Reset Differential		Differential Type	Maximum Rated Pressure (continuous) (psi)	Manual Reset	Media <sup>a</sup>	Switch Action at Setpoint	Comments
		Maximum at Minimum Setpoint	Maximum at Maximum Setpoint	Nominal	Maximum						
C6097A1004	0.4-5 in. wc	—	—	0.16 in. wc	0.24 in. wc	Additive	2.9	No	Air	Breaks N.O. to C. connection on pressure fall.	1/4 in. NPT Mount
C6097A1012	3 to 21 in. wc	2.4 in. wc	4.2 in. wc	—	—		4.3	Yes	Air/Gas		1/4 in. NPT Mount
C6097A1020	3 to 21 in. wc	2.4 in. wc	4.2 in. wc	—	—		4.3	Yes	Air/Gas		Flange Mount
C6097A1038	12 to 60 in. wc	10 in. wc	12 in. wc	—	—		4.8	Yes	Air/Gas		1/4 in. NPT Mount
C6097A1046	12 to 60 in. wc	10 in. wc	12 in. wc	—	—		4.8	Yes	Air/Gas		Flange Mount
C6097A1053	3 to 21 in. wc	—	—	0.24 in. wc	0.48 in. wc		4.3	No	Air/Gas		1/4 in. NPT Mount
C6097A1061	3 to 21 in. wc	—	—	0.24 in. wc	0.48 in. wc		4.3	No	Air/Gas		Flange Mount
C6097A1079	12 to 60 in. wc	—	—	1.1 in. wc	2.4 in. wc		4.8	No	Air/Gas		1/4 in. NPT Mount
C6097A1087	12 to 60 in. wc	—	—	1.1 in. wc	2.4 in. wc		4.8	No	Air/Gas		Flange Mount
C6097A1095	0.4 to 5 in. wc	0.6 in. wc	1.0 in. wc	—	—		2.9	Yes	Air/Gas		1/4 in. NPT Mount
C6097A1103	1.5 to 7 psi	1.1 psi	1.4 psi	—	—		9.3	Yes	Air/Gas		Flange Mount
C6097A1111	1.5 to 7 psi	1.1 psi	1.4 psi	—	—		9.3	Yes	Air/Gas		1/4 in. NPT Mount
C6097A1129	1.5 to 7 psi	—	—	0.1 psi	0.3 psi		9.3	No	Air/Gas		Flange Mount
C6097A1137	1.5 to 7 psi	—	—	0.1 psi	0.3 psi	9.3	No	Air/Gas	1/4 in. NPT Mount		
C6097B1002	12 to 60 in. wc	10 in. wc	12 in. wc	—	—	Subtractive	4.8	Yes	Air/Gas	1/4 in. NPT Mount	
C6097B1010	12 to 60 in. wc	10 in. wc	12 in. wc	—	—		4.8	Yes	Air/Gas	1/4 in. NPT Mount	
C6097B1028	3 to 21 in. wc	2.4 in. wc	4.2 in. wc	—	—		4.3	Yes	Air/Gas	1/4 in. NPT Mount	
C6097B1036	3 to 21 in. wc	2.4 in. wc	4.2 in. wc	—	—		4.3	Yes	Air/Gas	Flange Mount	
C6097B1044	1.5 to 7 psi	1.1 psi	1.4 psi	—	—		21.0	Yes	Air/Gas	Flange Mount	
C6097B1051	1.5 to 7 psi	1.1 psi	1.4 psi	—	—		21.0	Yes	Air/Gas	1/4 in. NPT Mount	
C6097B1069	3 to 21 in. wc	—	—	0.24 in. wc	0.48 in. wc		4.3	No	Air/Gas	Flange Mount	
C6097B1077	12 to 60 in. wc	—	—	1.1 in. wc	2.4 in. wc		4.8	No	Air/Gas	Flange Mount	
C6097B1085	12 to 60 in. wc	—	—	1.1 in. wc	2.4 in. wc		4.8	No	Air/Gas	1/4 in. NPT Mount	
C6097B1093	1.5 to 7 psi	—	—	0.1 psi	0.3 psi		21.0	No	Air/Gas	Flange Mount	
C6097B1101	1.5 to 7 psi	—	—	0.1 psi	0.3 psi		21.0	No	Air/Gas	1/4 in. NPT Mount	
C6097B1119	3 to 21 in. wc	—	—	0.24 in. wc	0.48 in. wc		4.3	No	Air/Gas	1/4 in. NPT Mount	

<sup>a</sup> Acceptable media: Natural gas, liquid propane (LP) gas, and air.

# Honeywell

## Home and Building Control

Honeywell Inc.  
1985 Douglas Drive North  
Golden Valley, MN 55422

## Home and Building Control

Honeywell Limited  
155 Gordon Baker Road  
North York, Ontario M2H 3N7

