

## C6097A1053

### Pressure Switch, Auto recycle, Break N.O. C. on pressure fall

#### Features

- For use with natural gas, liquid propane (LP) gas, or air.
- Diaphragm-actuated safety-limit switch.
- Switch can be wired to turn on alarm.
- C6097A models break control circuit at setpoint on pressure fall.
- C6097B models break control circuit at setpoint on pressure rise.
- Lockout with manual reset and recycle options.
- Lockout models have external manual reset button.
- Removable transparent cover protects scaleplate and adjusting knob.
- Pipe tapings allow selection of positive pressure (air only) or venting connections (NPT mount only).
- 1/4 in. NPT or flange mount models for direct mounting to Honeywell Integrated Valve Train.
- Optional switch position indicator lamp available.
- IP54 enclosure standard.
- Ranges: 0.4 to 5 in.wc, 3 to 21 in.wc, 12 to 60 in.wc or 1.5 to 7 psi.
- Surge orifice.
- Intregal vent limiter on all models.

#### Product Specifications

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Description	Pressure Switch, Auto recycle, Break N.O. to C. on pressure fall
Application	Safety devices used in positive-pressure or differential-pressure systems to sense gas or air pressure changes
Operating Range (psi)	3 to 21 in. wc
Operating Range (kPa)	0.7 to 5.2 kPa
Mounting	1/4 in. NPT internal thread
Switch Operation	Auto recycle
Switching Action	Break on pressure fall
Pipe Connections, Vent or Low pressure	1/8 in. NPT internal thread
Dimensions (in.)	3 3/16 in. high x 2 23/32 in. wide x 2 23/32 in. deep
Dimensions (mm)	81 mm high x 69 mm wide x 69 mm deep
Alternate Ratings	Ignition Transformer: 540 VA, Pilot Valve: 50 VA. Main Valve: 400 VA with 2-1/2 times inrush
Switch Contact Ratings (120 Vac)	3.0 AFL, 18.0 ALR, 5.0 A resistive
Switch Contact Ratings (240 Vac)	3.0 AFL, 18.0 ALR, 5.0 A resistive

Differential Type	Additive
Temperature Range (F)	-40 F to +140 F
Temperature Range (C)	-40 C to +60 C
Electrical Connections	Screw terminals
Nominal Pressure Differential (psi)	0.24 in. wc
Nominal Pressure Differential (kPa)	0.06 kPa
Maximum Pressure Differential (psi)	0.48 in. wc
Maximum Pressure Differential (kPa)	0.12 kPa
Approvals, Underwriters Laboratories Inc	Component Listed, MP 2168-8-1
Approvals, Canadian Standards Association	File # 95329 Certificate 2632-01
Approvals, Factory Mutual	JI 2D4A1.AF
Approvals, Swiss RE (formerly IRI)	Acceptable
Approvals, Others	CSD-1 AFB: Acceptable