

PILOTS

"P" Pilot

Pressure Pilot for D & HD Regulating Valves

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Pressure Pilot

- **Outlet Pressure Range:**
3-200 psig



PRESSURE-ADJUSTING SPRING RANGES

Pressure	Identifying Colors
3-25 psig	yellow
20-100 psig	blue
80-200 psig	red

TYPICAL APPLICATIONS

The **D-Series** and **HD-Series** Regulator equipped with the **"P"** **Pressure Pilot** are used for reducing steam pressure in steam mains or in process applications. Pilot operated regulators will maintain constant downstream pressure even when the inlet pressure to the valve fluctuates or stream usage varies.

FEATURES

- The **"P"** Pilot can maintain downstream pressure to ± 1 psig
- Optional **"P5"** Pilot can maintain downstream pressure to ± 0.5 psig
- Choices of 3 overlapping pressure ranges
- In-line change of pressure control spring
- Pilot installs using four bolts
- Full port strainer and blow-down valve on HD pilot adapter to eliminate failure caused by contaminated steam systems
- Can be used with temperature and solenoid control pilot
- Solid floating diaphragm
- Watson McDaniel's pilots can be used with other manufacturers regulators

OPTIONS

- Pressure pilot can be used with temperature pilot to eliminate the need for two separate regulators.
- Solenoid pilot can be added for remote on/off control of regulator
- P5 Options: Call factory for special "P5" Pilot which will maintain ± 0.5 psig accuracy

RECOMMENDED PRESSURE

Differential Pressure: 10 psig minimum
Minimum Inlet Pressure: 15 psig*

*Minimum Inlet Pressure for Temperature Regulator: 5 psig

MATERIALS

Pilot Body & Cover	Ductile Iron
Gasket	Garlock 3400
Diaphragm	Phosphor Bronze
Head & Seat Assembly	Hardened SST (55Rc)

HOW TO ORDER

"P" or "P5" PRESSURE PILOT

Specify: • Reduced pressure range.

REGULATOR BODY

Specify: • **D** or **HD** regulator body.
• Regulator size or capacity.
• End connections
(threaded, 125/150/250/300# flanged).

