

PRESSURE CONTROL

GP1/GP2

- Pressure Range: Full vacuum to 1000 psig (69 bar)
- Accuracy/Repeatability: +/- 0.25% F.S. / +/- 0.2% F.S.
- Max Flow: 10 scfm (283 slpm)
- 1/8" NPT Ports

The GP1 & GP2 high pressure control pressure valve offers precision pressure control without the need for a ratio amplifier. This series includes a power and status indicator LED and is field serviceable.

Analog monitor output is standard, select 0-10 VDC, 4-20 mA TTL. Select 0-10 VDC or 4-20 mA differential command signal. Available options include digital display and manifold mount. The GP1 & GP2 can be assembled to a volume booster for higher flow or a ratio amplifier for higher pressure. High resolution model is available with 0.012 inch orifice valves.



PROPORTIONAL PRESSURE CONTROL

QPV1/QPV2

- Pressure Range: Full vacuum to 150 psig (10 bar)
- Accuracy/Resolution: +/- 0.25% F.S. / up to +/- 0.005% F.S.
- Max Flow: 1 scfm (28 slpm)
- 1/8" NPT Ports

The QPV is an ultra-high resolution electro-pneumatic closed loop proportional pressure control valve. The QPV utilizes a variable orifice valve on the inlet side which eliminates the digital steps of traditional ON/OFF solenoid. The field adjustable hysteresis potentiometer allows users to virtually eliminate the dead-band of the control circuit, resulting in superior system resolution. Ideal for very sensitive applications such as leak testing at low pressures and dispensing applications.

Analog monitor output is standard, select 0-10 VDC or 4-20mA. The dual loop design accepts feedback signal from a wide range of external sensors. The QPV2 accepts feedback signal from F-Series flow transducer for closed loop flow control. It also accepts external feedback of pressure, vacuum or force. Optional digital display is available.

