

PROPORTIONAL PRESSURE CONTROL

QPV1 | QPV2



Optional Digital Display Shown
Oxygen Service Available

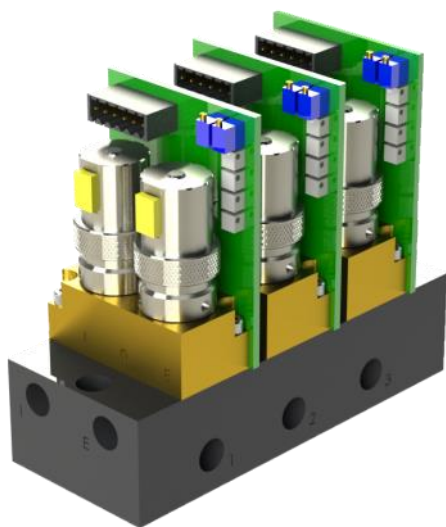
PRESSURE RANGE	Full Vacuum to 150 psig (10 Bar)
ACCURACY RESOLUTION	±0.2% F.S. up to ±0.005% F.S.
MAX FLOW	1 SCFM (28 slpm)
PORTS	1/8" NPT

Available with Modbus RS232 & RS485

The QPV1 & QPV2 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 solenoids. 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 4-20 mA. The dual loop design accepts a feedback signal from a wide range of external sensors, including the F-Series flow monitor for closed loop flow control and pressure, vacuum or force transducers.

MPV1 | MPV2



PRESSURE RANGE	Full Vacuum to 150 psig (10 Bar)
ACCURACY RESOLUTION	±0.2% F.S. up to ±0.005% F.S.
MAX FLOW	1 SCFM (28 slpm)
PORTS	1/8" NPT

The MPV1 & MPV2 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 solenoids. 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.

Common supply inlet and exhaust ports with manifold mount assembly. MPV2 accepts feedback signal of pressure, vacuum or force. DIN Rail, panel mount or up to 16 station sub-base manifold mounting options available.