

Standard PFCV (Internally Balanced)

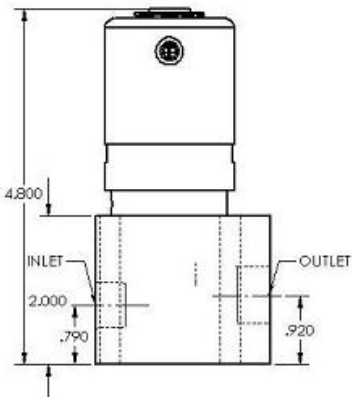
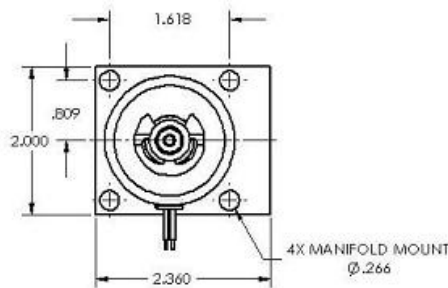
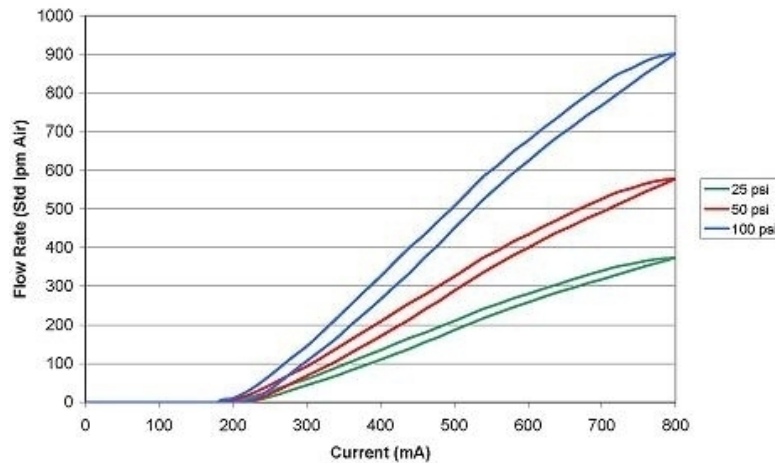
These proportional valves are pressure balanced and are insensitive to inlet and outlet pressure. Due to unique design the take-off of the valve remains consistent at different inlet pressures and they can be used with any outlet pressure. These proportional valves do not offer medium isolation. Signal Amplifiers are also available to control these valves using a 0 - 5V, 0 - 10V or 4 - 20 mA control signal.

General Performance Specification

Function:	2 Way Normally Closed
Orifice Size Range:	.234" to .650"
Hysteresis:	< 10%
Time Response:	< 35 msec
Pressure Range:	0 - 135 PSI
Seal Material:	Nitrile, FKM
Temperature Range:	
Nitrile:	-40 to 250° F
FKM:	-20 to 400° F
Wetted Material:	Al & 300 Series SS
Fluid:	Gases & Liquids
Voltage Range:	6 to 24 volts
Lead Wires:	22 AWG 12" long
Weight - Al Base:	22 - 27 Oz.

Typical Flow Characteristics

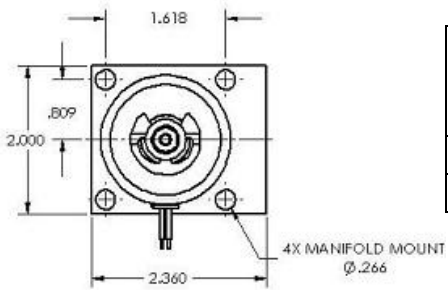
Std PFCV Internal Balanced 0.375 12V



STANDARD INTERNALLY BALANCED SPECIFICATIONS

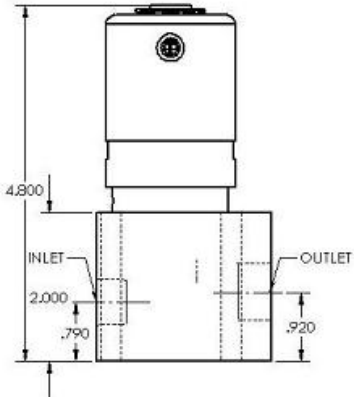
PART NUMBER	ORIFICE SIZE	VOLT	POWER WATTS	INLET NPT	OUTLET NPT	FLOW @ 100 PSI LPM	PRICE (EA)
700051	0.650	6	6.00	3/8	1/2	1300	\$836.25
700046	0.234	12	8.75	1/4	3/8	500	\$557.50
700047	0.375	12	8.75	3/8	1/2	900	\$557.50
700048	0.650	12	8.75	3/8	1/2	1300	\$836.25
700043	0.234	24	17.50	1/4	3/8	500	\$557.50
700044	0.375	24	17.50	3/8	1/2	900	\$557.50
700045	0.650	24	17.50	3/8	1/2	1300	\$836.25

INTERNALLY BALANCED LOW WATT COILS



PART NUMBER	ORIFICE SIZE	VOLT	POWER WATTS	INLET NPT	OUTLET NPT	FLOW @ 100 PSI LPM	PRICE (EA)
700052	0.375	24	6.00	3/8	1/2	900	\$557.50
700053	0.650	24	6.00	3/8	1/2	1300	\$836.25

INTERNALLY BALANCED EXPLOSION PROOF COILS



PART NUMBER	ORIFICE SIZE	VOLT	POWER WATTS	INLET NPT	OUTLET NPT	FLOW @ 100 PSI LPM	PRICE (EA)
700037	0.234	12	8.75	1/4	3/8	500	\$557.50
700038	0.375	12	8.75	3/8	1/2	900	\$557.50
700039	0.650	12	8.75	3/8	1/2	1300	\$836.25