



Emerson Impact Partner



Automation | Valves | Measurement | Process Control



Fisher™ i2P-100 & DVC6200 The Industry Standard

- Quick payback due to reduced gas consumption
- 78% and 66% reduction in greenhouse gas emissions, respectively
- Design eliminates the need for external secondary seal

www.spartancontrols.com



ENVIRONMENTAL SOLUTIONS & ENERGY REDUCTION

Fisher™ i2P-100 Electro-Pneumatic Transducer

Integrated single-seal solution

Doesn't require secondary seal. The i2P-100 meets CSA requirements per ANSI/ISA 12.27.01.

Simple Plug-in Printed Wiring Board Assembly

Rugged shell protects electronic components. Selectable dip switch allows you to configure output range from 3-15, 6-30 or 2-33 psig.



Low-Bleed Relay Assembly

Even with low-bleed relay, the i2P-100 transducer can power an actuator with an output volume up to 5.0 scfm.

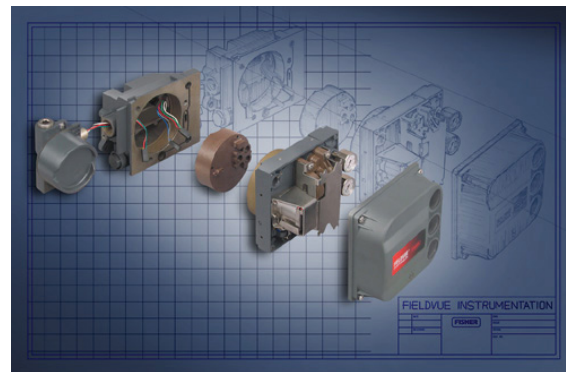
Vent & Pipe-Away Vent Capability

If you need to pipe-away natural gas, simply remove the vent and screw a 0.25 in NPT pipe into the housing.

Fisher™ FIELDVUE™ DVC6200 Series Digital Valve Controller

Integrated Single-Seal Solution

The DVC meets CSA 'single seal' requirements per ANSI/ISA 12.27.01. The DVC is certified by CSA as a natural gas certified device.



Low-Bleed Relay Assembly

The low-bleed relay boosts the volume of the I/P output to the control valve actuator in double-acting, single-acting direct, or single-acting reverse applications. The relay can be changed out if the positioner has a standard (high-bleed) relay and needs to be low-bleed.

Mounting Flexibility

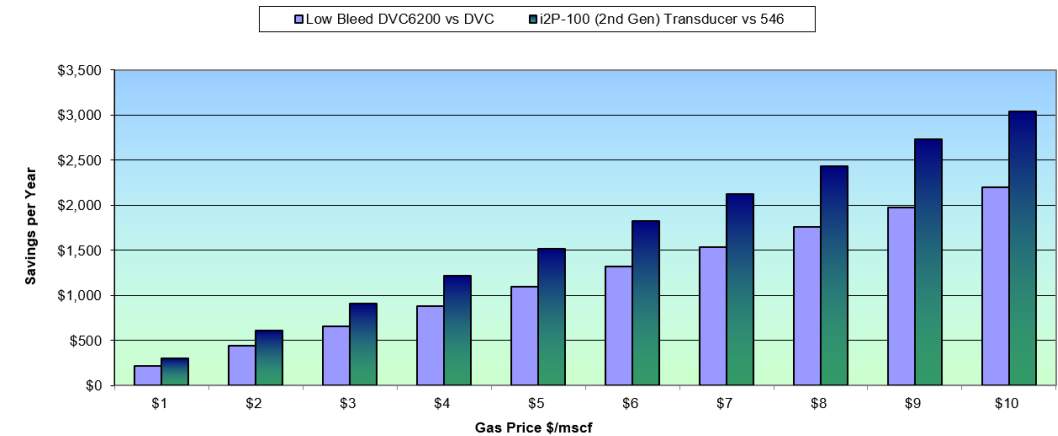
The DVC provides one platform for any pneumatic actuator application. The DVC6200 series can be installed on sliding stem, rotary, single acting or double acting actuators. The DVC6200 has over 2,000 different mounting kits for over 180 different manufacturers' actuators.

Built to Survive

FIELDVUE™ DVC6200 Digital Valve Controllers have fully encapsulated printed wiring boards that resist the effects of vibration, temperature, and corrosive atmospheres.

And, the FIELDVUE™ instrument's I/P converter has a an internal design to reduce the chance of plugging.

Annual Natural Gas Savings with Fisher Low Bleed DVC6200 and i2P-100 (2nd Gen)



Traditional Equipment	Low Bleed Replacement	Comments	CURRENT EQUIPMENT VS LOW BLEED				\$ SAVINGS	NATURAL GAS REDUCTION	CO2e (MT) REDUCTION	POTENTIAL CO2 OFFSET		
			Air Consumption (scfh)	Equivalent Natural Gas Consumption (scfh)	Total Cost Per Year (Natural Gas)	Equivalent Natural Gas Per Year						
Fisher™ 4150K Pressure Controller	Fisher™ C1 Pressure Controller	Average consumption	42	4.5	54.2	5.8	\$949	\$102	\$848	423,765	163	\$3,255
Fisher™ 546 I/P Transducer	Fisher™ i2P-100 (2nd Gen) I/P Transducer	30 psi output	30	3.1	38.7	4.0	\$678	\$70	\$608	303,981	117	\$2,335
Fisher™ DVC6000 / DVC6200 Valve Positioner	Fisher™ DVC6000 / DVC6200 Valve Positioner with Low Bleed Relay	30psi output	23	3.3	29.3	4.3	\$514	\$75	\$440	219,793	84	\$1,688
Fisher™ 3582 Valve Positioner & 546 I/P Transducer	Fisher™ DVC6200 Valve Positioner with Low Bleed Relay		28	3.3	36.4	4.3	\$637	\$75	\$563	281,380	108	\$2,162
Fisher™ 4660 Pressure Pilot		Already low bleed	2.5	2.5	3.2	3.2	\$57	\$57	-	-	-	-
Fisher™ 2900 Level Controller	Fisher™ L2sj Level Controller	Static Bleed Rate Alone	23	0.3	29.7	0.4	\$520	\$7	\$513	256,519	99	\$1,971
Fisher™ L2(snap) Level Controller	Fisher™ L2(snap) Improved Level Controller with Low Vent Relay	Static Bleed Rate Alone	12.6	2.7	16.2	3.5	\$285	\$62	\$223	111,368	43	\$856
Competitor Airset Regulator	Fisher™ 67CFR Regulator	Bleed rate of internal relief valve	0.5	0	0.6	0.0	\$11	\$0	\$11	5,650	2	\$43

*Calculated using \$2.00 CAD/1,000 ft³ natural gas

Profits Up

Lost air or gas means lost revenue. By identifying and replacing high-consumption devices with the Fisher™ DVC6200 and i2P-100, profits are increased from additional gas sales.

Compared to traditional valve positioners and transducers, the DVC6200 and i2P-100 can provide average savings of \$440 and \$608 per year (calculated using \$2/1,000 ft³ natural gas).

i2P-100 and DVC6200 are CSA approved for natural gas, and meet ANSI/ISA 12.27.01 requirements as a single sealed device.

FISHER™™ LOW BLEED PRODUCTS



C1 Pneumatic Controller



i2P-100 Transducer



FIELDVUE™ DVC6200 Digital Valve Controller



Improved L2 Level Controller



67CFR Regulator



4660 High-Low Pressure Pilot



Learn more by contacting your Spartan representative today!