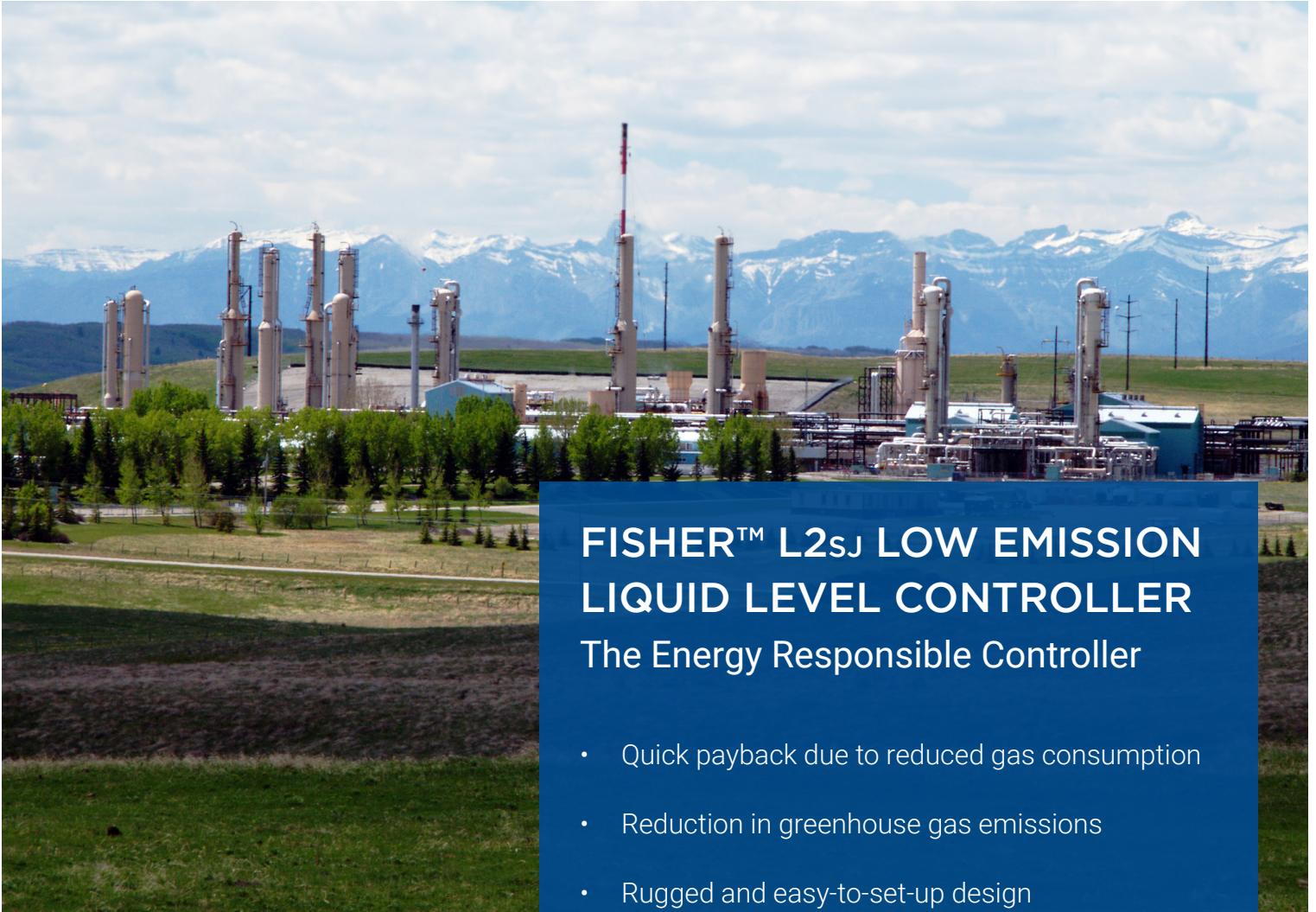




Emerson Impact Partner



Automation | Valves | Measurement | Process Control



FISHER™ L2sJ LOW EMISSION LIQUID LEVEL CONTROLLER

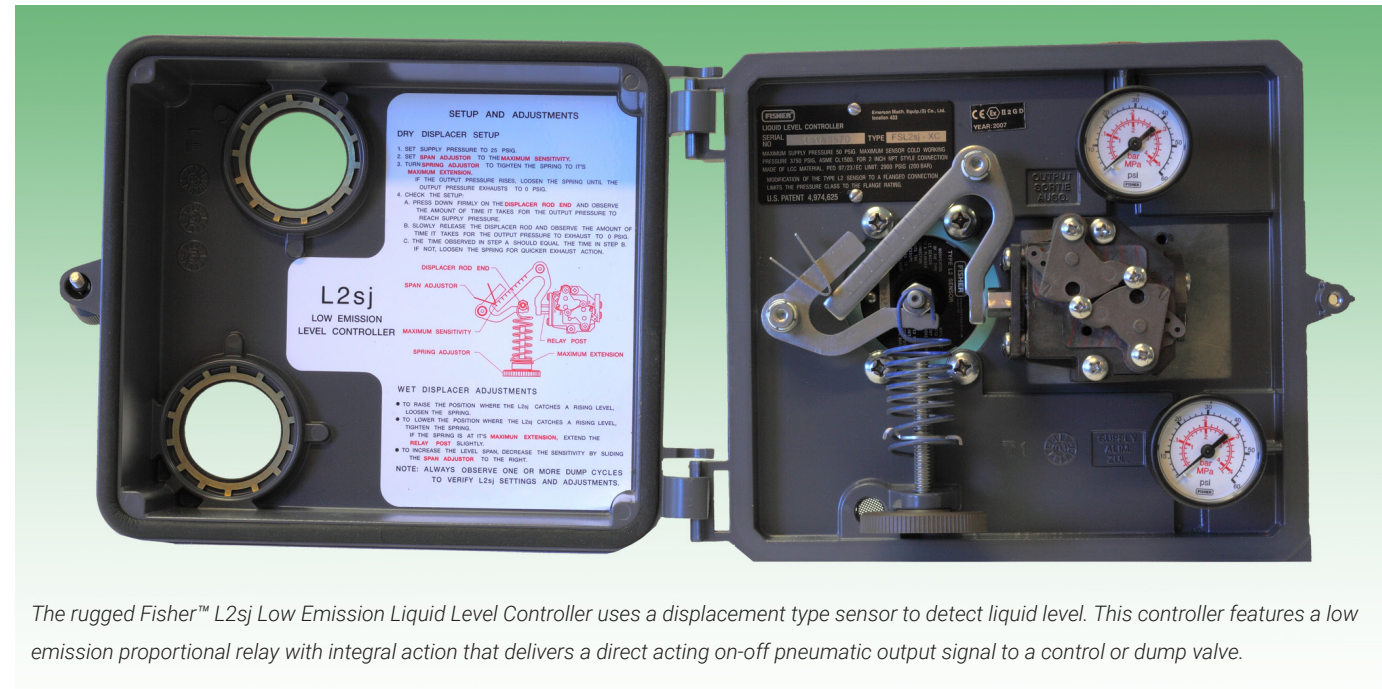
The Energy Responsible Controller

- Quick payback due to reduced gas consumption
- Reduction in greenhouse gas emissions
- Rugged and easy-to-set-up design
- Eligible for brownfield/retrofit offsets through Alberta Quantification Protocol for Greenhouse Gas Emission Reductions from Pneumatic Devices

www.spartancontrols.com



ENVIRONMENTAL SOLUTIONS & ENERGY REDUCTION



The rugged Fisher™ L2sj Low Emission Liquid Level Controller uses a displacement type sensor to detect liquid level. This controller features a low emission proportional relay with integral action that delivers a direct acting on-off pneumatic output signal to a control or dump valve.

Designed For Use With Natural Gas

The L2sj's low emission capability makes it excellent for use in liquid-gas interface with natural gas as the pneumatic supply.

Reduced Operating Costs

Integral action relay with rugged metal seats requires less maintenance and provides more dependable liquid level control, which can increase uptime.

NACE Construction as Standard

Sensor and vessel connection complies with the requirements of NACE MR0175-2002.

Energy Use Down

The Fisher™ L2sj Low Emission Liquid Level Controller is an energy responsible choice for oil and gas operations. It dramatically decreases the amount of pressurized air or natural gas lost to the atmosphere with its low consumption.

Ease of Field Setup

Simplified dry and wet setup adjustment, as illustrated inside L2sj cover.

Field-Configurable Displacer

Displacer may be mounted in the field for vertical or horizontal operation.

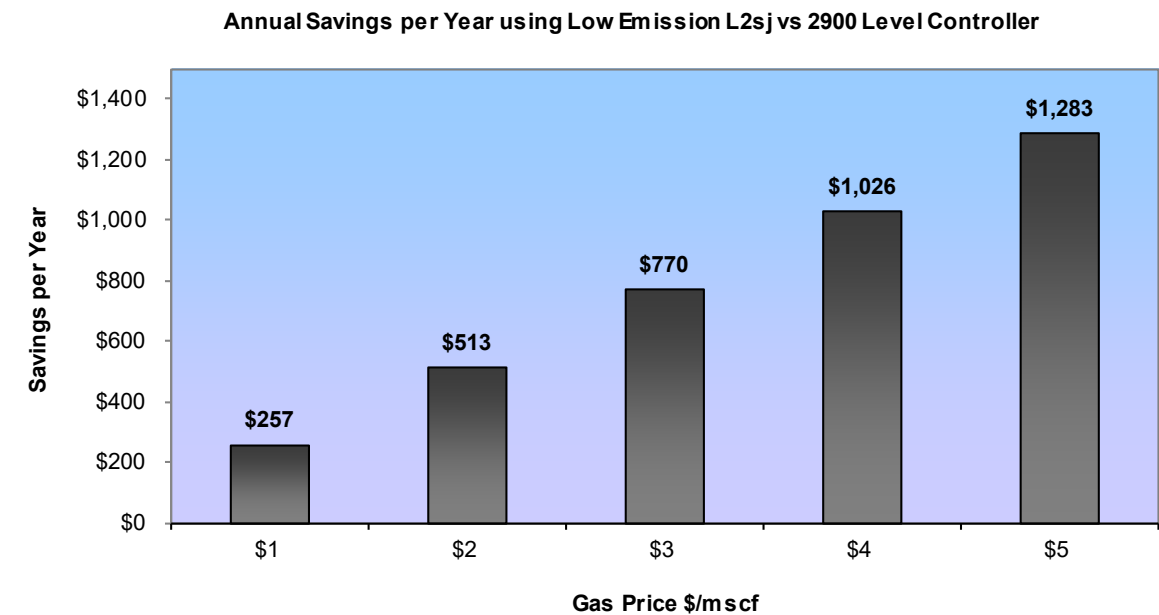
Low Supply Pressure Capability

Can operate down to 0.34 bar (5 psi) instrument supply pressure.

Profits Up

Lost air or gas means lost revenue. By identifying and replacing a high-consumption level controller with the Fisher™ L2sj, profits are increased from additional gas sales.

Compared to traditional style pressure controllers with constant bleed proportional band adjustments, the new Fisher™ C1 Pneumatic Controller can provide an average savings of \$513 per year (calculated using \$2/1,000 ft³ natural gas) and in Alberta, \$1,971 in CO₂ offsets.



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

Traditional Equipment	Low Bleed Replacement	Comments	CURRENT EQUIPMENT VS LOW BLEED				\$ SAVINGS		NATURAL GAS REDUCTION	CO ₂ e (MT) REDUCTION	POTENTIAL CO ₂ OFFSET	
			Air Consumption (scfh)	Equivalent Natural Gas Consumption (scfh)	Total Cost Per Year (Natural Gas)	Equivalent Natural Gas Per Year	Equivalent Natural Gas Per Year (ft ³)	GHG Emissions CO ₂ e (MT) Per Year	Emission Credit Trading Per Year @ \$20/MT			
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 (2 nd 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 (Note 1)	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

Note: Fisher™ L2sj is only direct acting and is recommended for liquid-gas with a 1-7/8" diameter displacer where the liquid level does not need to be controlled in <6" level band. Not recommended for use in liquid-liquid interface service.

Decrease energy consumption and increase profits: Specify a Fisher™ C1 Pneumatic Pressure Controller

FISHER™™ LOW BLEED PRODUCTS



C1 Pneumatic Controller



i2P-100 Transducer



FIELDVUE™ DVC6200 Digital Valve Controller



Improved L2sj Level Controller



67CFR Regulator



4660 High-Low Pressure Pilot



Learn more by contacting your Spartan representative today!