

Save Energy with the Fisher™ C1 Pneumatic Controller



FISHER™ Increase profit margins with a reliable, low-consumption pneumatic valve controller

Lost Energy is Lost Revenue

With a high-consumption device, profits are decreased by reduced gas sales, costing you an extra 1 to 5 thousand cubic meters of methane per year per valve, or \$35,000 to \$140,000 USD per 100 valves.¹ On top of that, consistently failing to contain natural gas means higher methane impacts on the environment and potential fines as regulatory agencies tighten emissions standards.

Proven-Reliable Control and Decreased Energy Consumption

The Fisher C1 pneumatic controller from Emerson is an energy-responsible choice for oil and gas operations. It has a proportional band adjustment assembly to replace the three-way valve. It can reduce steady-state air/gas consumption to 1/10th that of previous products. This innovative assembly provides even more reliable control and increased safety.



Fisher C1 Pneumatic Controller
on a Globe Valve Assembly



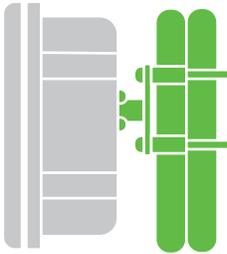
1. Source: United States EPA Natural Gas STAR recommended technologies and practices. Methane savings based on 78.8% methane in upstream gas and 93% methane in downstream gas. Natural gas valued at \$0.25/cu m (\$7/Mcf).

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Save Energy with the Fisher C1 Pneumatic Controller

The C1 pneumatic controller compares sensed process pressure to an operator-adjusted set point, then sends a pneumatic signal to the adjacent control element that maintains the set point value. Available models include proportional only, proportional-plus-reset, differential gap, and transmitter.

PIPE STAND MOUNT



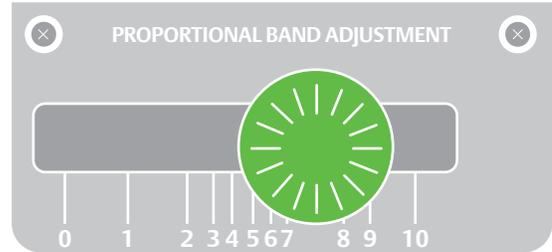
WALL MOUNT



Mounting Versatility

Install the C1 controller on a panel, wall, or pipe stand, as well as directly on the control valve actuator.

► [Product Bulletin](#)



Easy Tuning Control

A grooved design on knob and indicator scale make proportional band adjustments precise and easy.

► [Instruction Manual](#)

Additional Product Benefits

- **High Output Capability:** An integral pneumatic relay provides the high capacity necessary to drive valve actuators and other final control elements.
- **Reduced Maintenance Costs:** Spring-out wire for easy, in-service cleaning of the relay orifice.
- **Accurate, Easy Adjustments:** Make pressure set point changes with the dial-knob control, which helps to assure positive settings.
- **Rugged and Reliable:** Simple design paired with stainless steel bellows, tubing, and relay trim improve durability and reduce maintenance requirements.
- **Field Reversible:** Switch from direct action to reverse or vice versa using instructions on the inside cover.

Learn More

- [C1 Product Webpage](#)
- [Find an Emerson sales office near you](#)



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