Save Energy with the Fisher™ C1 Pneumatic Controller

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. 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.

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).
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.

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

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

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

Emerson Automation Solutions
Marshalltown, Iowa, 50158 USA
Sorocaba, 18087 Brazil
Cernay, 68700 France
Dubai, United Arab Emirates
Singapore 128461 Singapore

Fisher.com
Facebook.com/FisherValves
LinkedIn.com/groups/Fisher-3941826
Twitter.com/FisherValves

© 2019 Fisher Controls International LLC. All rights reserved. Fisher is a mark owned by one of the companies in the Emerson Automation Solutions business unit of Emerson Electric Co. Emerson, and the Emerson logo are trademarks and service marks of Emerson Electric Co. All other marks are the property of their respective owners. The contents of this publication are presented for informational purposes only, and while every effort has been made to ensure their accuracy, nothing herein is to be construed as a warranty or guarantee, express or implied, regarding the products or services described herein or their use, performance, merchantability or fitness for a particular purpose. Individual results may vary. All sales are governed by our terms and conditions, which are available upon request. We reserve the right to modify or improve the designs or specifications of our products at any time without notice. Responsibility for proper selection, use and maintenance of any product or service remains solely with the purchaser and end user.