Pneumatic Control Valve (with Digital Positioner, HART) - DVC 6200 588363 (46950-E0)





LabVolt Series

Datasheet

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General Description

The Pneumatic Control Valve with Digital Positioner is an industrial bronze control globe valve designed for pressure, flow, level, and temperature control applications. This reliable valve features a durable construction, tight shutoff, and good control characteristics. The valve is of the equal percentage type and is normally open.

This model includes a digital valve controller which transforms a 4-20 mA input signal into a pneumatic output signal sent to the actuator of the control valve. The controller has a high-performance positioner (DVC 6000). This valve model supports the HART communication protocol.

Available Pneumatic Control Valves:

- 46950-0 Pneumatic Control Valve (with Digital Positioner, HART) DVC 2000
- 46950-D Pneumatic Control Valve (with Digital Positioner, FOUNDATION Fieldbus) DVC 6200
- 46950-E Pneumatic Control Valve (with Digital Positioner, HART) DVC 6200

Manual

Description

Control Valves (User Guide) ______585145 (86001-E0)

Table of Contents of the Manual(s)

Control Valves (User Guide) (585145 (86001-E0))

- 1 Basic Control Valve Theory
- 2 Basic Control Valve (46950-B)
- 3 Pneumatic Control Valve with a Positioner (46950-A)
- 4 Control Valve with DVC2000 (46950-0)
- 5 Control Valve with DVC6000 HART/FF (46950-E/-D)
- 6 Control Valve with DVC6200 HART/FF (46950-E/-D)
- 7 Electric Control Valve (46950-C)

Specifications

Parameter	Value
Input Signal	4-20 mA - HART
Actuator Pressure Range	20-69 kPa (3-10 psi)
Type of valve	Globe, equal percentage, normally open
Type of positioner	DVC 6010 digital positioner

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