

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

588363 (46950-E0)

FESTO

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

Manual number

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

Reflecting the commitment of Festo Didactic to high quality standards in product, design, development, production, installation, and service, our manufacturing and distribution facility has received the ISO 9001 certification.

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