

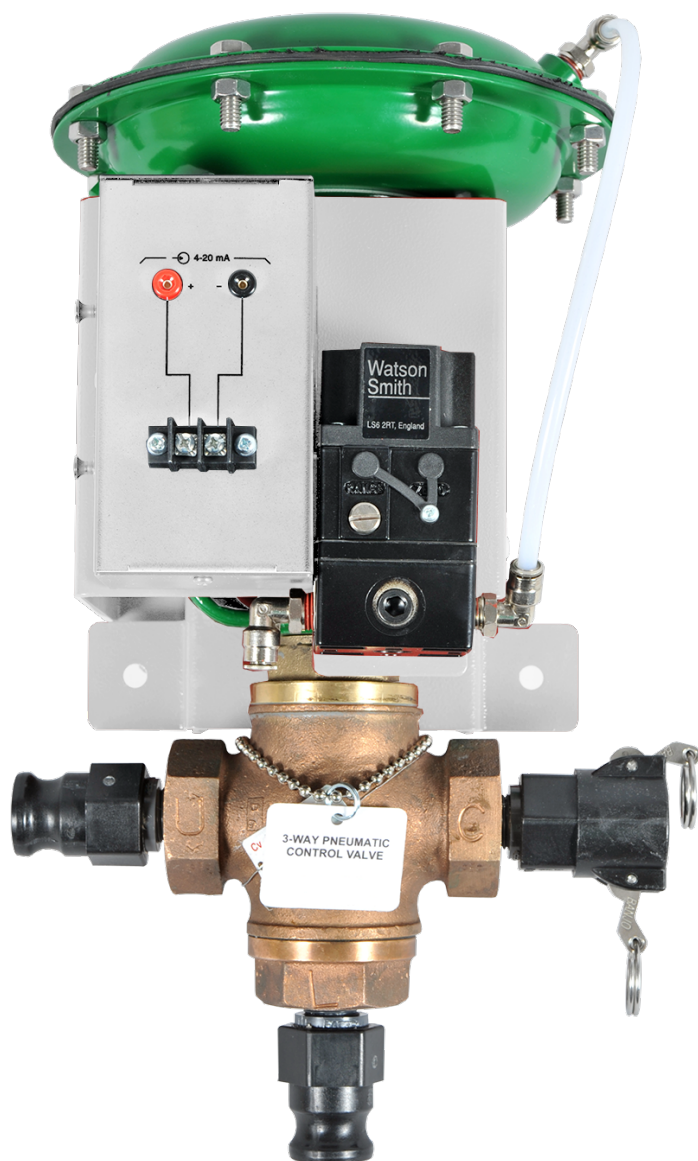
Three-Way Pneumatic Control Valve with Digital Positioner (HART) - DVC 2000

588372 (46955-00)

FESTO

LabVolt Series

Datasheet



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Festo Didactic
en 120 V - 60 Hz
05/2025

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General Description

The Three-Way Control Valve is an industrial bronze control globe valve designed mainly for temperature control applications. This reliable valve features a durable construction, tight shutoff, and good control characteristics. The valve is designed to be used in mixing mode (two inlets, one outlet) and is of equalpercentage type. This valve is normally open on the lower port.

Like the Control Valve, Model 46950-X, this model has either a pneumatic or an electric actuator and may feature options such as a digital valve controller (either a DVC 2000 or a DVC 6000) supporting either HART or Fieldbus, or a pneumatic positioner. Refer to the description of the equivalent 46950-X model for more information.

Available Three-Way Control Valves:

- 46955-0 Three-Way Pneumatic Control Valve with Digital Positioner (HART) - DVC 2000
- 46955-A Three-Way Pneumatic Control Valve with Positioner (Fisher 3660)
- 46955-B Three-Way Pneumatic Control Valve
- 46955-C Three-Way Electric Control Valve
- 46955-D Three-Way Pneumatic Control Valve with Digital Positioner (FOUNDATION Fieldbus) - DVC 6000
- 46955-E Three-Way Pneumatic Control Valve with Digital Positioner (HART) - DVC 6000

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)

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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