

Pneumatic Control Valve 582424 (46950-B0)

FESTO

LabVolt Series

Datasheet



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Table of Contents

General Description _____	3
Manual _____	3
Table of Contents of the Manual(s) _____	3
Specifications _____	3

General Description

The Pneumatic Control Valve 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 current-to-pressure converter which transforms a 4-20 mA input signal into a pneumatic output signal sent to the actuator of the control valve.

The Pneumatic Control Valve features a bypass that can be used to control the liquid flow manually.

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
Actuator Pressure Range	20-90 kPa (3-13 psi)
Type of valve	Globe, equal percentage, normally open

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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