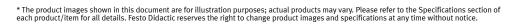
Pneumatic Control Valve 582424 (46950-B0)







LabVolt Series

Datasheet

Festo Didactic en 11/2024

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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	Manua
Description	numbe
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

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