

Data sheet

DZ93

Three-spindle compensating and shut-off valve

D0696

Fitting for connection and commissioning of differential pressure transmitters of the series DE50 in ventilation systems.

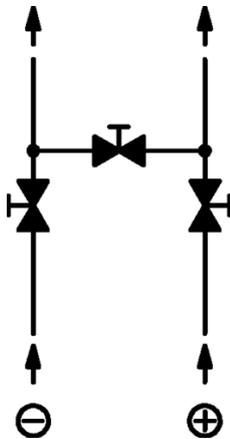
Design and mode of operation

In a block casing there are three valve components with which the measuring lines can be blocked on the process side and pressure can be compensated on the transmitter side.

The valves should have metal seals. In the valve spindles are rotating ball bearings that form a wear-free seal to the block casing. The valve spindles are sealed to the outside with O-rings.

The hand wheels can be lead-sealed or detached for safety purposes.

Functional Schematic



Order Code

Three-spindle compensating and shut-off valve

Type DZ93

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Nominal pressure

PN40> H

Casing material

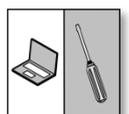
Chromium nickel steel 1.4404.....> E

Pressure connection

2 x inner thread G 1/4> 0 1

Customer-specific additional text> **D0966**

- Pressure connections on device side union nuts G $\frac{1}{2}$ with matching clearance and thread for direct attachment to DE50##YY92MD..
- Valve function:
2x shut-off of the pressure line
1x pressure compensation



Technical data

General	
Admissible ambient temperature	-30 ... +70 °C
Admissible media temperature	-30 ... +70 °C
Admissible storage temperature	-50 ... +80 °C
Nominal pressure	PN40
Nominal diameter	DN3
Pressure connection	
on process side	Inner thread G 1/4
on transmitter side	Nipple with union nut G½, O-ring seal in the nipples
Materials	
casing/ contact with media	CrNi-steel 1.4404
Hand wheels	Brass nickel-plated (can be lead sealed or dismantled)
O-rings	VITON®
Assembly	
	Direct assembly to the transmitter
	Additional boreholes for attach a vertical support

Dimensioned drawing

