

Connections and switching positions of directional control valves	
3/2-way valve (Type A)	

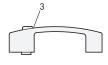
In the neutral position the directional control valve allows compressed air to pass from 1 to 2. By pressing the button, the compressed air connection 1 is closed, and the working connection from 2 to 3 is vented. When the button is released, the directional control valve automatically returns to the neutral position.



for pneumatic pilot controls, single-acting cylinders







3/2-way valve (Type B)

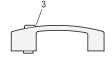
In the neutral position, the directional control valve vents the working connection 2 to 3. Compressed air connection 1 is closed. Pressing the button allows compressed air to pass from 1 to 2. When the button is released, the directional control valve automatically returns to the neutral position.

Use:

for pneumatic pilot controls, single-acting cylinders







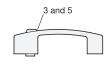
5/2-way valve (Type A)

In the neutral position, the directional control valve allows compressed air to pass from 1 to 2, and the working connection 4 is simultaneously vented at connection 5. By pressing the button, the compressed air connection 1 is switched from 2 to 4, and the working connection from 2 to 3 is vented. When the button is released, the directional control valve automatically returns to the neutral position.

For double-action cylinders and drives







Connections

Technical data

Actuation force

Connection

1: Compressed air connection 2 and 4: Working connections 3 and 5: Vent connections

recinical data	
Operating medium	
Operating pressure	

Working temperature Normal rated flow

Nominal diameter of air passage

2 ... 10 bar

with dry air: -20 °C ... +80 °C

Filtered compressed air

with air containing oil: 0 °C ... +80 °C 130 NI/min (6 bar, free exhaust air) 22 N (independent of operating pressure)

Quick coupling for pneumatic hoses, diam. 4 mm

diam. 2.5 mm

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