

Metric



elesa
Original design EBR-PN



3 Type

- A** Neutral position open from 1 to 2
- B** Neutral position open from 2 to 3

Metric table



Dimensions in: millimeters / inches

l₁ ±0.5	d₁	d₂	h₁	h₂	h₃	l₂	l₃	s
132 5.20	28 1.10	M 6	46 1.81	12 0.47	4.5 0.18	160 6.30	89 3.50	10 0.39

* Only available in type A

Specification



Handle

- Plastic, Polyamide (PA)
- Glass fiber reinforced
- Operating temperature -4 °F to +176 °F (-20 °C to +80 °C)
- Black-gray, similar to RAL 7021, matte finish

Directional control valve

- 3 connections / 2 switching positions **3/2**
- 5 connections / 2 switching positions* **5/2**

Cover cap

- Plastic, Polyamide (PA)
- Black-gray, matte finish

Tapped insert

Brass

RoHS

Bridge handles EN 628.5 are equipped with a 3/2 way valve or a 5/2 way valve for controlling pneumatic circuits, and are operated by a button with a spring-loaded reset (monostable).

The valve can be quickly and easily installed and connected from the rear. The pneumatic connections with quick couplings are intended for hoses with an external diameter of 4 mm.

Vents 3 and 5 do not have a separate connection. They are elegantly integrated into the button in the handle. The bridge handle is therefore a functional and compact unit.

The force which is required to press the button is independent of the operating pressure.

Complementary bridge handles without switching function are available as EN 628.

see also...

	Page
EN 628 Bridge Handles	QVX
EN 628.4 Bridge Handles (with Power Switching Function)	QVX

Technical Information

Product Family Ergostyle®	QVX
Connections and Switching Positions of Way Valves	QVX
Strength Values	QVX
Plastic Characteristics	QVX

How to order

EN 628.5-132-3/2-A

- 1** Length l₁
- 2** Way valve
- 3** Type

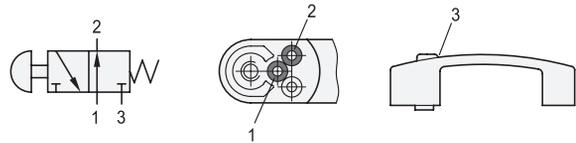
1.1
1.2
1.3
1.4
2.1
2.2
2.3
2.4



Connections and switching positions of way valves

3/2-way valve (Type A)

In the neutral position the way 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 way valve automatically returns to the neutral position.

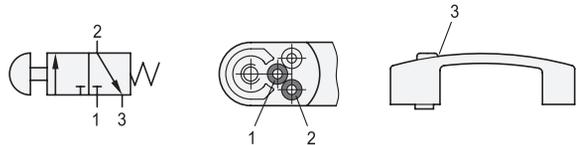


Use:

For pneumatic pilot controls, single-acting cylinders

3/2-way valve (Type B)

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

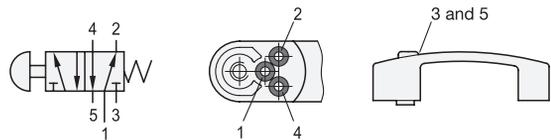


Use:

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.



Use:

For double-action cylinders and drives

Connections

1: Compressed air connection

2 and 4: Working connections

3 and 5: Vent connections

Technical data

Operating medium

Filtered compressed air

Operating pressure

2 to 10 bar

Working temperature

With dry air: -4 °F to +176 °F (-20 °C to +80 °C)

With air containing oil: +32 °F to +176 °F (0 °C to +80 °C)

Normal rated flow

130 NI/min (6 bar, free exhaust air)

Actuation force

4.95 lbf (22 N) (independent of operating pressure)

Connection

Quick coupling for pneumatic hoses, Ø 4 mm

Nominal diameter of air passage

Ø 2.5 mm