

3 Type

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

Metric table



Dimensions in: millimeters - inches

$l_1 \pm 0.5$	d_1	d_2	h_1	h_2	h_3	l_2	l_3	s
132	28	M 6	46	12	4.5	160	89	10
5.20	1.10		1.81	0.47	0.18	6.30	3.50	0.39

* Only available in type A

Specification



- Body
Plastic, Polyamide (PA)
- Glass fiber reinforced
- Temperature resistant up to 176 °F (80 °C)
- Black-gray, similar to RAL 7021, matte finish
- Way valve
- 3 connections / 2 switching positions **3/2**
- 5 connections / 2 switching positions **5/2***
- Cover caps
Plastic, Polyamide (PA)
Black-gray, matte finish
- Tapped insert
Brass
- Strength Values → page 2081
- Plastic Characteristics → page 2135
- RoHS compliant

Information

EN 628.5 bridge handles 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.

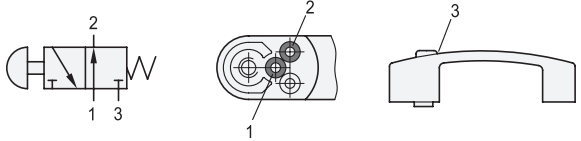
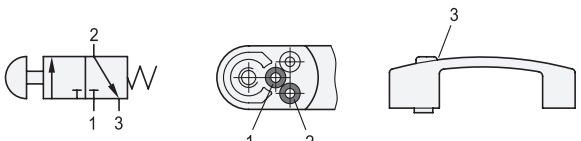
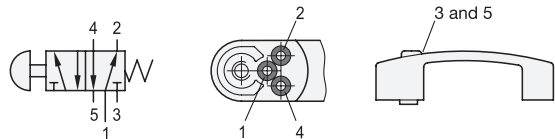
see also...

- Product Family Ergostyle® → page 18
- Bridge Handles EN 628 → page XYZ
- Bridge Handles EN 628.4 (with Power Switching Function) → page XYZ

How to order

EN 628.5-132-3/2-A

1	Length l_1
2	Way valve
3	Type

Connections and switching positions of way valves	
<p>3/2 way valve (type A)</p> <p>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.</p> <p>Use: For pneumatic pilot controls, single-acting cylinders</p>	
<p>3/2 way valve (type B)</p> <p>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.</p> <p>Use: For pneumatic pilot controls, single-acting cylinders</p>	
<p>5/2 way valve (type A)</p> <p>In the neutral position, the way 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 way valve automatically returns to the neutral position.</p> <p>Use: For double-action cylinders and drives</p>	
Connections	<p>1: Compressed air connection</p> <p>2 and 4: Working connections</p> <p>3 and 5: Vent connections</p>

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

1.1
1.2
1.3
1.4
2.1
2.2
2.3
2.4

