

1

$l_1 \pm 0,5$	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

* only available in type A

- Specification

2
- Handle
 - Plastic, Polyamide (PA)
 - Glass fiber reinforced
 - Temperature resistant up to 80 °C
 - Black-gray, matte finish, similar RAL 7021
 - 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
 - Threaded bushing
 - Brass
 - Strength Properties → Page 2116
 - Plastic Characteristics → Page 2158
 - RoHS

Information

2

Cabinet U-handles GN 628.5 are equipped with a 3/2-way valve or 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 stirrup-type handle is therefore a functional and compact unit.

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

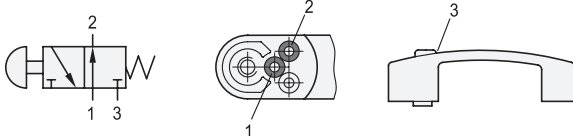
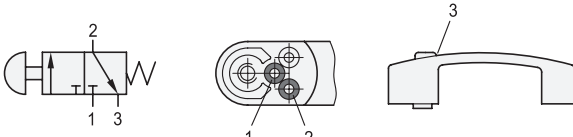
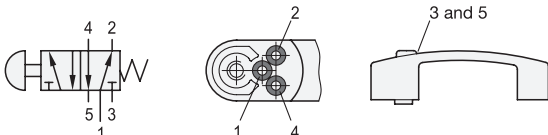
Complementary cabinet U-handles without switching function are available as GN 628.

see also...

- Product Family Ergostyle® → Page 18
- Cabinet U-Handles GN 628 → Page 133
- Cabinet U-Handles GN 628.4 (with Electrical Switching Function) → Page 136

How to order	1	l_1
GN628.5-132-3/2-A	2	Directional control valve
	3	Type

Connections and switching positions of directional control valves

<p>3/2-way valve (Type A)</p> <p>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.</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 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.</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 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.</p> <p>Use: For double-action cylinders and drives</p>	
<p>Connections</p>	<p>1: Compressed air connection 2 and 4: Working connections 3 and 5: Vent connections</p>

Technical data	
Operating medium	Filtered compressed air
Operating pressure	2 ... 10 bar
Working temperature	with dry air: -20 °C ... +80 °C
	with air containing oil: 0 °C ... +80 °C
Normal rated flow	130 NI/min (6 bar, free exhaust air)
Actuation force	22 N (independent of operating pressure)
Connection	Quick coupling for pneumatic hoses, diam. 4 mm
Nominal diameter of air passage	diam. 2.5 mm