

Selector switches HW

Type codes

HW		6	38
Type			
HW	Hand-operated selector valve		
Outputs			
6	Selectable working ports		
Valve function			
38	8/6-way, bistable		

Selector switches HW

Data sheet

FESTO

-  - Flow rate
180 l/min

-  - Pressure
0 ... 8 bar



Description

The selector switch is a hand-operated directional control valve in which a flat slide valve connects the supply port to one of the six working ports.

- Outputs that are not selected are exhausted together

- There is no overlap during changeover
- 6 switching positions
- Switching positions are determined by a ball latch
- The selector switch is supplied with rotary knob and arrow

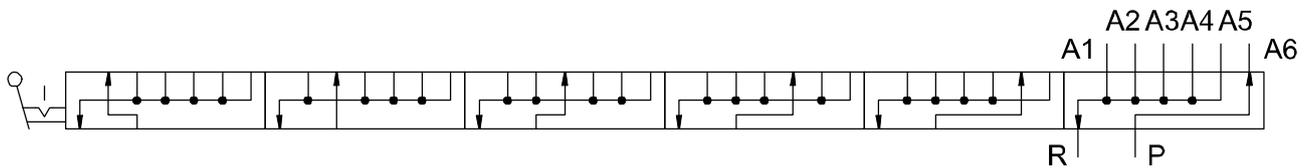
The circular dial available as an accessory can be used to reliably indicate the position of the selected working port.

The selector switch is mounted either via a flanged attachment

underneath to a connecting plate (to be provided by the customer) (O-rings for sealing are supplied) or in a front panel.

The installation diameter of the selector switch is 22.3 mm.

Circuit diagram



General technical data

Valve function	8/6-way, bistable	
Type of control	Direct	
Nominal tightening torque (rotary knob)	[Nm]	1.7
Nominal tightening torque, tolerance	[%]	±10
Pneumatic connection	1	M5
	2	M5
Standard nominal flow rate	[l/min]	180

Operating and environmental conditions

Operating pressure range	[bar]	0 ... 8
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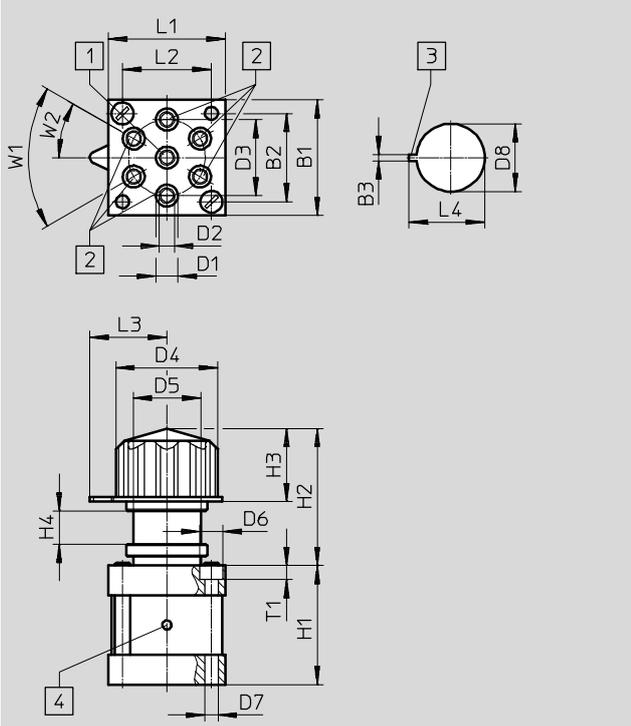
Selector switches HW

Data sheet

Dimensions

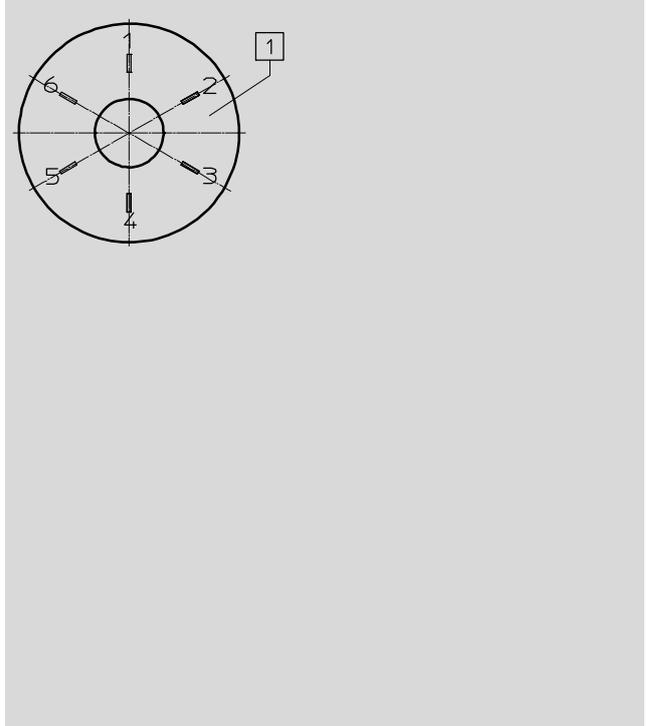
Download CAD data → www.festo.com

Selector switch



- 1 Supply port (central on the underside)
- 2 Working ports (star-shaped on the underside)
- 3 Mounting aperture
- 4 Exhaust R

Circular dial

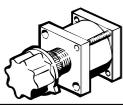


- 1 Circular dial for switching position indication

Type	B1	B2	B3	D1	D2	D3	D4	D5	D6	D7	D8
HW-6-38	38	29	2.1	7.2 Ø	M5	25 Ø	36 Ø	M22x1	7.4 Ø	4.3 Ø	22.3 Ø

Type	H1	H2	H3	H4	L1	L2	L3	L4	T1	W1	W2
HW-6-38	39.1	45	24	11 Max.	38	29	23	24.6	4.6	60°	30°

Ordering data

	Description	Weight [g]	Part no.	Type
Selector switch				
	With 6 possible switching outputs	170	7199	HW-6-38
Circular dial				
	For selector switch, for identifying the position of the selected switching position	5	7222	HWF-6-38