

VHEF-H/-E
Hand lever valve/Selector valve

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Instructions | Assembly

8109992
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[8109994]



Translation of the original instructions

1 Applicable documents

All available documents for the product → www.festo.com/pk.

2 Safety

2.1 Safety instructions

Only assemble the product on components that are in a condition to be safely operated.

2.2 Intended use

Manually operated control of cylinders with compressed air.

3 Scope of delivery

1 Hand lever valve (1x)
VHEF-HS-...

2 Selector valve (1x)
VHEF-ES-...

3 Hand lever valve (1x)
VHEF-HT-...

4 Selector valve (1x)
VHEF-ET-...

Fig. 1

4 Mounting

4.1 Mounting to a front plate for valves [1] ... [4]

Front plate [Z]	D ^{+0.2}	T	A	B
	22.3 mm	1.2 ... 6 mm	3.3 mm	24 mm

Tab. 1

- The slot [X] is used to accommodate the protection against rotation for the valve [1] ... [4].

Mounting with example of VHEF-ES-... [2]:

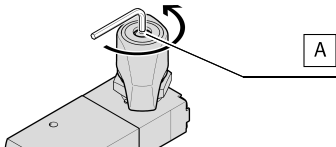


Fig. 2

- Align the valve [1] ... [4].
- Unscrew [A] screw. Hexagon socket: ≈ 2.5 mm

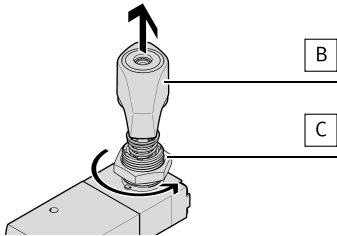


Fig. 3

- Remove the switch/lever [B].
- Unscrew the nut [C] from the thread.

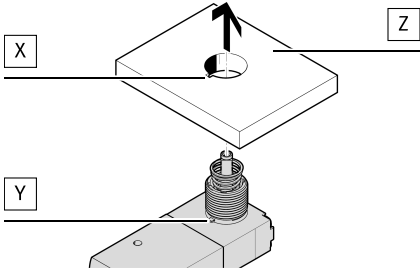


Fig. 4

- Position the valve [1] ... [4] in the drill hole of the front plate [Z].
The protection against rotation [Y] is positioned in the slot [X].

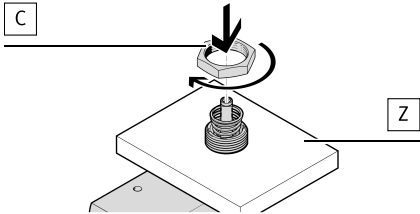


Fig. 5

- Mount the valve [1] ... [4] to the front plate [Z] using the nut [Z]. Tightening torque: 9 Nm ± 10 %

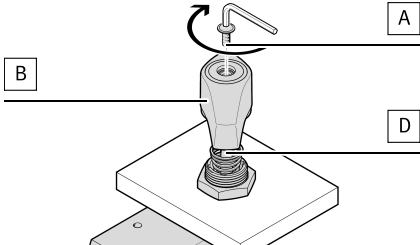


Fig. 6

The switch/lever [B] can be mounted to the square [D] offset by 90° respectively:

- If necessary, remove any foreign objects from the switch/lever [B].
- Observe the actuation direction and switching position of the switch/lever [B].
- Position the switch/lever [B] on the square [D].
- Tighten the screw [A]. Tightening torque: 1.5 Nm ± 10 %

4.2 Mounting with through bolts for valves [1] ... [4]

Mounting with example of VHEF-ES-... [2]:

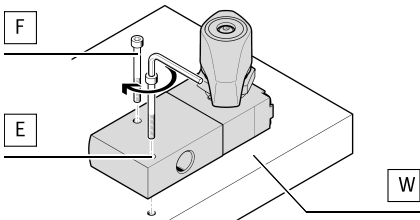


Fig. 7

- In case of unevenness of the mounting surface [W], use washers.
- Mount the valve [1] ... [4] to all through-holes [E] using the screws [F]. Screws [F] select screws suitable for the installation situation. Thread size: ≤ M4