Hand lever valves

**HH5/2: Hand lever valve 5/2 ways**

- 5/2 ways hand lever valve for manual OPEN / CLOSE - control of SHE- or ventilation cylinders
- Maximum operating pressure 70bar, when using electric add-on components 10bar
- Ambient temperature range: -25°C bis +50°C
- Possibilities of extension provided by modular design
- Nominal bore (free cross section) of valve 4mm
- For pipe connection of the valve, 3 male connectors 1/8" (e.g. B1-6-1/8) will be required additionally

**Other types:**

**HH5/2-VVZ:** Hand lever valve 5/2 ways as described above, with additional double-pipe priority valve

- Integrated priority valve for connecting an upstream actuation element (e.g. alarm or ventilation valve)
- For pipe connection of the valve, 4 male connectors 1/8" (e.g. B1-6-1/8) will be required additionally

**HH5/2-VVAZ:** Hand lever valve 5/2 ways as described above, with additional OPEN/CLOSE priority valve

- Integrated priority valve for connecting an upstream actuation element (e.g. alarm or ventilation valve)
- For pipe connection of the valve, 5 male connectors 1/8" (e.g. B1-6-1/8) will be required additionally

For special types, please inquire
Can be extended by the following add-on components:

Maximum operating pressure when using the add-on components is 10bar!

EA (electrical OPEN): Electrical OPEN control by attached solenoid 230VAC, 50/60Hz, 5W, operating mode S1 to DIN VDE 0580 (100% duty cycle). Minimum operating pressure 3bar

EAV (electrical OPEN priority): See above. When EAV and EZ add-on components (EZ see below) for the OPEN and CLOSE functions are activated at the same time, execution of the OPEN function will have priority. Minimum operating pressure 2bar

EA24 / EAV24: As above, but with attached solenoid 24VDC / 5W, 100% duty cycle

EZ (electrical CLOSE): Electrical CLOSE control by attached solenoid 230VAC, 50/60Hz, 5W, operating mode S1 to DIN VDE 0580 (100% duty cycle). Minimum operating pressure 3bar

EZV (electrical CLOSE priority): See above. When EAV and EZ add-on components for the OPEN and CLOSE functions are activated at the same time, execution of the CLOSE function will have priority. Minimum operating pressure 2bar

EZ24 / EZV24: As above, but with attached solenoid 24VDC / 5W, 100% duty cycle

PA (Pneumatic OPEN): Controls OPEN action by attached pneumatic release. Release pressure min. 3bar, 1 additional 1/8" male connector is required

PAV (Pneumatic OPEN priority): See above. Minimum release pressure 2bar. When PAV and PZ add-on components (PZ see below) for the OPEN and CLOSE functions are activated at the same time, execution of the OPEN function with same control pressure will have priority

PZ (Pneumatic CLOSE): Controls CLOSE action by attached pneumatic release. Release pressure min. 3bar, 1 additional 1/8" male connector is required

PZV (Pneumatic CLOSE priority): See above. Minimum release pressure 2bar. When PA and PZV add-on components for the OPEN and CLOSE functions are activated at the same time, execution of the CLOSE function with same control pressure will have priority

LFZ (Air spring CLOSE): Provides additional safety against failure of the supply mains, in conjunction with electric add-on component EA, for the wind and rain induced CLOSE function. In normal operating conditions, the hand lever valve can be actuated as usual. If a wind or rain signal is present, or in the case of mains failure, the valve automatically goes into CLOSE condition. Maximum operating pressure of add-on component EA is 10bar!