Description of function:
The hand lever valve HH5/2 is a 5/2 way piston slide valve with mounted priority valve VVAZ for manual controlling the RWA- or ventilation cylinder OPEN / CLOSE. The valve can be controlled electric CLOSE by an electro add-on component (EA). There is no manual operating possible as long as the add-on component isn’t activated.

If there is a pressure on the connection CO2-A which is higher than the min. release pressure, the priority valve VVAZ switch, connect the input CO2-A with the output CA and exhaust the connection CZ at the same time.

If there is a pressure on the connection CO2-Z which is higher than the min. release pressure, the priority valve VVAZ switch, connect the input CO2-Z with the output CZ and exhaust the connection CA at the same time.

All ventilation operations are disable as long as the connections CO2-A and CO2-Z aren’t exhausted and the priority valve will be reseted with both reset buttons.

Operation:
1.) Manual operation by using the hand lever.
   - hand lever up = OPEN
   - hand lever down = CLOSE
2.) Electric operation by dropping the rated voltage to the electromagnet of the add-on component.
3.) Pneumatic operation PRIORITY OPEN / CLOSE by applying the minimum release pressure on CO2-A / CO2-Z.

Montage:
1.) Variable mounting position
2.) Join connections as follows:
   - P ................ Compressed air
   - CA ................ Pneumatic cylinder OPEN
   - CZ ................ Pneumatic cylinder CLOSE
   - CO2-A ............... Pneumatic remote control: PRIORITY OPEN
   - CO2-Z ................ Pneumatic remote control: PRIORITY CLOSE

Technical data:
- max. operating pressure: 10bar
- min. operating pressure by EA: 2bar
- min. release pressure by CO2: 4bar
- nominal width of valve: 4mm
- ambient temperature range: -15°C - +55°C

Electro add-on components:
- EA24 .......... electric OPEN 24VDC
- EA230 ......... electric OPEN 230V

Connecting diagram electromagnet:
- Power input - attracting - DC 9 VA
- Power input - attracting - AC 6 VA
- Power input - holding - DC 5W
- Power input - holding - AC 8VA

Ordering example:
HH5/2 - VVAZ - EA230 - LFZ