Description of function:
The hand lever valve HH5/2 is a 5/2 way piston slide valve with mounted priority valve VVZ 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 which is higher than the min. release pressure, the priority valve VVZ switch, connect the input CO2 with the output CA and exhaust the connection CZ at the same time. All ventilation operations are disable as long as the connection CO2 isn’t exhausted and the priority valve will be reseted with the reset button.

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 by applying the minimum release pressure on CO2.

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

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

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

Connecting diagram electromagnet:

Power input - attracting - DC -
Power input - attracting - AC 9 VA
Power input - holding - DC 5W
Power input - holding - AC 6VA

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