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 pneumatic OPEN / CLOSE by pneumatic add-on components (PA / PZ), whereby a add-on component can have optionally also priority over the other (PAV / PZV). There is no manual operating possible as long as a add-on component is 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.) Pneumatic operation by applying the min. release pressure.
3.) Pneumatic operation PRIORITY OPEN / CLOSE by applying the minimum release pressure on CO2-A / CO2-Z.

Installation:
1.) Variable mounting position
2.) Join connections as follows:
P ........................ Compressed air
CA ..................... Pneumatic cylinder OPEN
CZ ..................... Pneumatic cylinder OPEN
PA / PAV ............ Pneumatic remote control: VENTILATION OPEN
PZ / PZV ............ Pneumatic remote control: VENTILATION CLOSE
CO2-A .............. Pneumatic remote control: PRIORITY OPEN
CO2-Z .............. Pneumatic remote control: PRIORITY CLOSE

Technical data:
- max. operating pressure: 16 bar
- min. release pressure by PA/PZ: 3 bar
- min. release pressure by PAV/PZV: 2 bar
- min. release pressure by CO2: 4 bar
- nominal width of valve: 4 mm
- ambient temperature range: -15°C - +55°C

Pneumatic symbol:

Ordering example:
HH5/2 - VVAZ - PA - PZ