



## Buschjost solenoid valves for aggressive fluids

Our selection of Norgren Buschjost solenoid valves includes a range of polymer solenoid valves that are suitable for aggressive and dirty fluids.

Buschjost's range of products include:

- 2-way solenoid valves
- 3-way solenoid valves
- Pressure operated valves
- Solenoid valves with forced lift
- Diaphragm solenoid valves
- Click on solenoid valves

### Buschjost solenoid valve: Polymer valve series 82080

Features:

- PVDF body, resistant against aggressive fluids
- Simple design
- Compact solenoid with integrated core tube
- Sealed core tube with PTFE bellows
- Resistance from contaminated fluids

Applications:

- Analysis technology
- Medical technology
- Chemical apparatus engineering
- Battery manufacturing
- Cleaning plants/apparatus (CIP)

### Buschjost solenoid valve: 2/2 solenoid valves ND 3 to 8 with sealed core tube

Highlights:

- For applications containing aggressive gaseous and liquid fluids
- Directly solenoid actuated
- Seat valves
- Internal threads G  $\frac{1}{4}$  and G  $\frac{3}{4}$
- Operates under a pressure range of 0 to 7 bar



Features:

- Suitable for use in aggressive fluids
- Clear design
- Compact solenoid with integrated core tube
- Resistance to furring and magnetisation of foreign particles
- Flow direction is determined
- For use in fluid temperatures ranging from -10°C to 110°C
- For use in ambient temperatures ranging from 0°C to 50°C
- The maximum sum of fluid and ambient temperature is 130°C
- Mounting position is optional but preferred position is with the solenoid vertical on top

### Buschjost solenoid valve: 2/2 solenoid valves ND 2 to 15

Norgren Buschjost solenoid valve for acid respiration and aggressive gaseous/liquid media.

Highlights:

- For applications with aggressive media
- Directly solenoid actuated
- Seat valves
- Internal threads G ¼ to G ½
- Operates under a pressure range of 0 to 6 bar

Features:

- Opens without tool to allow easy cleaning
- The flow medium is separate to the drive
- Solenoid is interchangeable
- Flow direction is determined
- Temperature of medium maximum 50°C
- Maximum ambient temperature 40°C

### Buschjost solenoid valve: 2/2 solenoid valves ND 6 to 50

Buschjost solenoid valves for acid respiration and aggressive gaseous/ liquid media.

Highlights:

- For applications with aggressive media
- Solenoid actuated – with forced lifting
- Diaphragm valves
- Connection – thread, adhesive/welded socket
- Operates under pressures of 0/0.5 to 6 bar



Features:

- Flow fluid is separate to the drive
- Manual override
- Optical position indicator
- Dampened operation
- Flow direction is determined
- Maximum fluid temperature is 50°C
- Maximum ambient temperature is 40°C
- 12 cycles/min