## 2/2-way valves DN 10

For neutral gases and liquids
Solenoid actuated, with forced lifting
Diaphragm valves
Internal thread G 1/4 to G 1/2 or 1/4" NPT to 1/2" NPT
Operating pressure: 0 to 10 bar



## Description (standard valve)

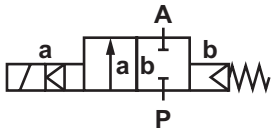
Solenoid valve for air, water, oil and other neutral fluids

| | |
|---|---|
| Switching function: | normally closed |
| Flow direction: | determined |
| Fluid temperature: | -10 °C up to max. +90 °C |
| Ambient temperature: | -10 °C up to max. +50 °C |
| Mounting position: | as required, preferably with solenoid vertical on top |

## Material

| | |
|---|---|
| Body: | Brass, PA 66 |
| Seat seal: | NBR |
| Internal parts: | Stainless steel, PVDF |

For contaminated fluids the use of a strainer upstream of the valve is recommended.




## Features

- Suitable for vacuum
- Functional design
- Compact solenoid with integrated core tube
- Valve operates without differential pressure
- Operating pressure: 0 - 20 bar with alternating current and NBR sealing

## Technical data

| Connection size G | DN mm | Valve length mm | kv-Value m³/h | Part number* | Operating pressure bar NBR 00 | FPM 110 °C 03 | EPDM 110 °C 14 | HNBR +150 °C 51 |
|---|---|---|---|---|---|---|---|---|
| 1/4 | 10 | 44 | 1.5 | 82530**XX**.8001.**00000** | 0 - 10 | 0 - 10 | 0 - 10 | 0 - 6 |
| 3/8 | 10 | 44 | 1.7 | 82531**XX**.8001.**00000** | 0 - 10 | 0 - 10 | 0 - 10 | 0 - 6 |
| 1/2 | 10 | 60 | 1.7 | 82532**XX**.8001.**00000** | 0 - 10 | 0 - 10 | 0 - 10 | 0 - 6 |

* For orders please state voltage and frequency, e.g.: 8253000.8001.**23050** for 230V 50Hz or 8253000.8001.**02400** for 24V DC

## Solenoid 8001 (standard voltages)

| DC | AC | |
|---|---|---|
| | 50Hz | 60Hz |
| 24V | 24V | - |
| - | 110V | 120V |
| | 230V | 220V |

## Power consumption

| Solenoid | DC | AC | |
|---|---|---|---|
| | | Inrush | Holding |
| 8001 | 12W | - | - |
| 8001 | - | 20VA | 16VA |

Design according to DIN VDE 0580
Voltage range +/-10%, duty cycle 100%
Protection class according to EN 60529: IP65
Electrical connector according to DIN EN 175301-803 (included)