Forced Lifting Click-on®

Multipurpose Solenoid Valve



Valve Technology and Systems

Buschjost®

2/2-way valves DN 8 to DN 50

For neutral gases and liquids
Solenoid actuated, with forced lifting
Diaphragm valves
Internal thread G 1/4 to G 2 or 1/4" NPT to 2" NPT
Operating pressure: 0 to 16 bar (see technical data)



Description (standard valve)

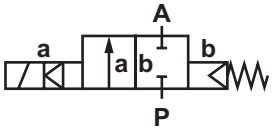
Solenoid valve for air, water, oil and other neutral fluids

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
Seat seal:	NBR
Internal parts:	Stainless steel, PVDF, Brass

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



Features

- High flow rate
- For robust industry applications
- Damped operation
- Suitable for vacuum
- For systems with low or fluctuating pressure
- Valve operates without differential pressure (Zero Delta P)
- Solenoid interchangeable without tools (Click-on®)

Technical data

Connection size G	DN mm	kv-Value m³/h	Part number for DC voltage*	Operating pressure bar NBR 00	Normally open 01	FPM 110 °C 03	EPDM 110 °C 14
1/4	8	1.9	82540**XX**.8301.**00000**	0 - 16	0 - 16	0 - 16	0 - 16
1/4	8	1.9	82540**XX**.9151.**00000**	0 - 10	0 - 10	0 - 10	0 - 10
3/8	10	3.0	82541**XX**.8301.**00000**	0 - 16	0 - 16	0 - 16	0 - 16
3/8	10	3.0	82541**XX**.9151.**00000**	0 - 10	0 - 10	0 - 10	0 - 10
1/2	12	3.4	82542**XX**.8301.**00000**	0 - 16	0 - 16	0 - 16	0 - 16
1/2	12	3.4	82542**XX**.9151.**00000**	0 - 10	0 - 10	0 - 10	0 - 10
3/4	20	5.8	82543**XX**.8301.**00000**	0 - 16	0 - 16	0 - 16	0 - 16
3/4	20	5.8	82543**XX**.9151.**00000**	0 - 10	0 - 10	0 - 10	0 - 10
1	25	8.0	82544**XX**.8301.**00000**	0 - 16	0 - 16	0 - 16	0 - 16
1	25	8.0	82544**XX**.9151.**00000**	0 - 10	0 - 10	0 - 10	0 - 10
1 1/4	32	23.0	82545**XX**.9401.**00000**	0 - 16	0 - 16**	0 - 16	0 - 16
1 1/2	40	25.0	82546**XX**.9401.**00000**	0 - 16	0 - 16**	0 - 16	0 - 16
2	50	41.0	82547**XX**.9401.**00000**	0 - 16	0 - 16**	0 - 16	0 - 16

* For orders please state voltage and frequency, e.g.: 8254000.9154.**23049** for 230V 40-60Hz (AC with rectifier plug only, included) or 8254000.9151.**02400** for 24V DC

** With solenoid DC 8401 / AC 8404