40 bar Click-on® Piston Valves

Port Sizes 1/4 to 2 – G and NPT



Valve Technology and Systems

Buschjost®

VALVE TECHNOLOGY SYSTEMS
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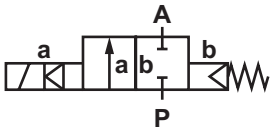
2/2-way valves DN 8 to DN 50

For neutral gases and liquids
Indirectly solenoid actuated
Piston valves
Internal thread G 1/4 to G 2 or 1/4" NPT to 2" NPT
Operating pressure: 0.5 to 40 bar (see technical data)

Click-on®
Solenoid interchangeable without tools





Description (standard valve)

Solenoid valve for air, water, and other neutral fluids

Switching function:	normally closed
Flow direction:	determined
Differential pressure:	0.5 bar required
Fluid temperature:	-20 °C up to max. +90 °C
Ambient temperature:	-20 °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, Brass, PTFE

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

Features

- Compact piston valve
- High flow rate
- Damped operation
- Functional compact design
- Solenoid in Click-on® design
- Stainless steel piston bushing

Technical data

Connection size G	DN mm	kv-Value m³/h	Part number*	Operating pressure bar					
				NBR	Normally open	Manual override	FPM 110 °C	EPDM 110 °C	Sealed core tube
			→	00	01	02	03	14	99**
1/4	8	2.2	85300**XX**.9151.**00000**	0.5 - 40	0.5 - 40	0.5 - 40	0.5 - 40	0.5 - 40	0.5 - 8
3/8	10	3.4	85301**XX**.9151.**00000**	0.5 - 40	0.5 - 40	0.5 - 40	0.5 - 40	0.5 - 40	0.5 - 8
1/2	12	4.4	85302**XX**.9151.**00000**	0.5 - 40	0.5 - 40	0.5 - 40	0.5 - 40	0.5 - 40	0.5 - 8
3/4	20	7.0	85303**XX**.9151.**00000**	0.5 - 40	0.5 - 40	0.5 - 40	0.5 - 40	0.5 - 40	0.5 - 8
1	25	10.5	85304**XX**.9151.**00000**	0.5 - 40	0.5 - 40	0.5 - 40	0.5 - 40	0.5 - 40	0.5 - 8
1 1/4	32	25.0	85305**XX**.9151.**00000**	0.5 - 40	0.5 - 30	0.5 - 40	0.5 - 40	0.5 - 40	0.5 - 8
1 1/2	40	27.0	85306**XX**.9151.**00000**	0.5 - 40	0.5 - 30	0.5 - 40	0.5 - 40	0.5 - 40	0.5 - 8
2	50	43.0	85307**XX**.9151.**00000**	0.5 - 40	0.5 - 30	0.5 - 40	0.5 - 40	0.5 - 40	0.5 - 8

** For orders please state voltage and frequency, e.g.: 8530000.9151.**23050** for 230V 50Hz or 8530000.9151.**02400** for 24V DC

** With solenoid DC 9152 / AC 9156

Solenoid 9151 (standard voltages)

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

Design according to DIN VDE 0580
Voltage range +/-10%, duty cycle 100%
Protection class according to EN 60529: IP65

Power consumption

Solenoid	DC	AC	
		Inrush	Holding
9151	18W	45VA	35VA

Electrical connector according to DIN EN 175301-803 (included)
The solenoids are UL listed and CSA approved
AC with rectifier plug only

2/2-way valves DN 8 to DN 25

For neutral steam and liquids
Indirectly solenoid actuated
Piston valves
Internal thread G 1/4 to G 1 or 1/4" NPT to 1" NPT
Operating pressure: 1 to 25 bar

Click-on®
Solenoid interchangeable without tools



Description (standard valve)

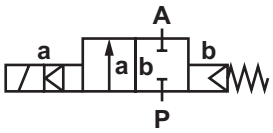
Solenoid valve for steam, hot water, and other neutral fluids

Switching function:	normally closed
Flow direction:	determined
Differential pressure:	1 bar required
Fluid temperature:	-10 °C up to max. +200 °C
Ambient temperature:	-10 °C up to max. +50 °C, with solenoid mounted vertical underneath, max. +60 °C
Mounting position:	as required, preferably with solenoid vertical on top

Material

Body:	Brass
Seat seal:	PTFE
Internal parts:	Stainless steel, FPM, PTFE

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



Features

- Compact piston valve
- High flow rate
- Damped operation
- Functional compact design
- Solenoid in Click-on® design
- Stainless steel piston bushing

Technical data

Connection size G	DN mm	kv-Value m³/h	Part number*	Operating pressure bar PTFE 00	Normally open 01	Manual override 02
1/4	8	2.2	85320**XX**.9152.**00000**	1 - 25	1 - 16	1 - 25
3/8	10	3.4	85321**XX**.9152.**00000**	1 - 25	1 - 16	1 - 25
1/2	12	4.4	85322**XX**.9152.**00000**	1 - 25	1 - 16	1 - 25
3/4	20	7.0	85323**XX**.9152.**00000**	1 - 25	1 - 16	1 - 25
1	25	10.5	85324**XX**.9152.**00000**	1 - 25	1 - 16	1 - 25

* For orders please state voltage and frequency, e.g.: 8532200.9152.**23050** for 230V 50Hz or 8532200.9152.**02400** for 24V DC

Solenoid 9152 (standard voltages)

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

Power consumption

Solenoid	DC	AC Inrush	AC Holding
9152	10W	15VA	10VA

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)
The solenoids are UL listed and CSA approved