2/2-way valves DN 20 to DN 65

For air
Indirectly solenoid actuated
Diaphragm valves
Internal thread G 3/4 to G 2 1/2 or 3/4" NPT to 2 1/2" NPT
Operating pressure: 0.4 to 8 bar

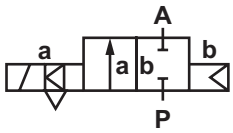


Description (standard valve)

Switching function:	normally closed
Flow direction:	determined
Fluid temperature:	-40 °C up to max. +85 °C
Ambient temperature:	-20 °C up to max. +85 °C
Mounting position:	as required, preferably with solenoid vertical on top

Material

Body:	Aluminium
Seat seal:	TPE
Internal parts:	TPU



Features

- High flow rate
- All internal components captive
- Functional compact design
- Solenoid interchangeable without tools
- Integrated silencer
- One-piece diaphragm for longer life

Technical data

Connection size G	DN mm	kv-Value m³/h	Part number*	Operating pressure bar TPE 00	Operating pressure bar ECO/FPM ** 60
3/4	20	18	82963**XX**.8171.**00000**	0.4 - 8	0.4 - 8
1	25	22	82964**XX**.8171.**00000**	0.4 - 8	0.4 - 8
1 1/2	40	59	82966**XX**.8171.**00000**	0.4 - 8	0.4 - 8
2	50	80	82967**XX**.8171.**00000**	0.4 - 8	-
2 1/2	65	93	82968**XX**.8171.**00000**	0.4 - 8	-

* For orders please state voltage and frequency, e.g.: 8296400.8171.**23050** for 230V 50Hz or 8296400.8171.**02400** for 24V DC

** Process gas temperatur: -10 °C up to +140 °C
Ambient temperature: -10 °C up to +85 °C
Backflushing gas temperature: -10 °C up to +85 °C

Solenoid 8171 (standard voltages)

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

Power consumption

Solenoid	DC	AC Inrush	AC Holding
8171	12W	-	-
8171	-	23VA	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)
The solenoids are UL listed and CSA approved