

**2/2-way pressure controlled valve**  
**NC - Valve normally closed (as standard)**  
**NO - Valve normally open (as option)**  
**DW - Valve with double acting actuator (as option)**  
**Direct pressure controlled valve.**  
**The valve seat is opened against a spring force via the control medium.**  
**In standard (NC) the valve closes with spring power.**

■ Valve for clean, gaseous and liquid media

## TECHNICAL SPECIFICATIONS

Type of control	Direct pressure operated
Design	Poppet design
Connection	Flanges DN15 - DN80 EN 1092-1 Form B1/B2
Installation	Actuator upright or lateral
Pressure	0 - 40 bar (see table on page 2)
Medium	Clean, neutral gaseous and liquid media
Max. viscosity	600 mm <sup>2</sup> /s
Temperature range	Medium: -40 °C / +200 °C Environment: -40 °C / +60 °C
Body material	Stainless steel 1.4408 / 1.4571
Metallic inner parts	Stainless steel
Sealing	PTFE
Pilot pressure	4 - 10 bar max. pressure range at min. 6 bar
Pilot medium	Clean, neutral gaseous Other pilot media on request

## VALVE FEATURES

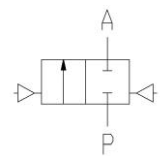
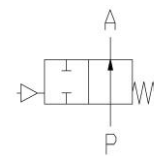
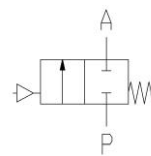
- No pressure difference required
- High life time
- High-quality materials
- Reliable and sturdy sealing elements
- Long-term availability of spare parts
- NO - non-pressurized open as option
- DW - double acting as option

## FUNCTION

NC – non pressurized closed

NO – non pressurized open

DW - double acting



## CERTIFICATES



Special design available for temperature ranges **-40 °C up to +300 °C**.  
Daten und Zeichnungen auf Anfrage erhältlich.

Pilot valve

**2/131-31-1702-C182**



3/2-way direct operated, NC  
G1/8, orifice 1.5mm, 0-8 bar  
Aluminum / Stainless steel / FKM  
with Cnomo-coil as well as with  
integrated screw connection for  
easy assembly

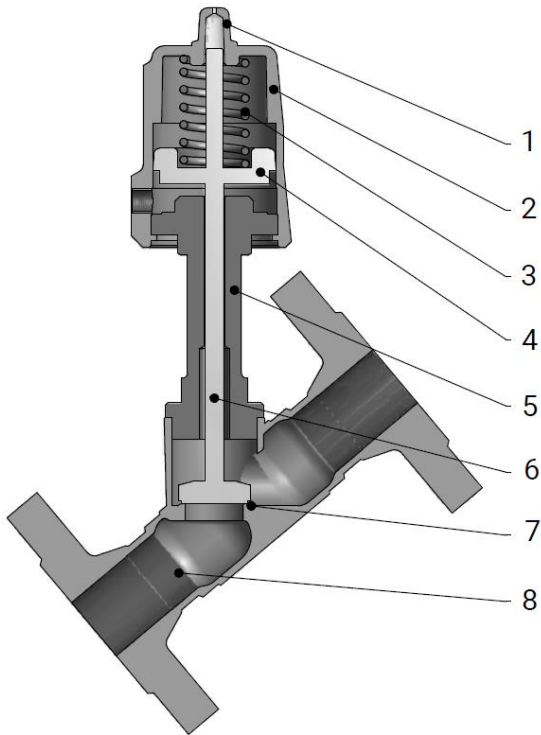
**A7231/1002/....**



3/2-way direct operated, NC  
G1/8, orifice 1.5mm, 0-8 bar  
brass / st. steel / FKM

# TECHNICAL FEATURES

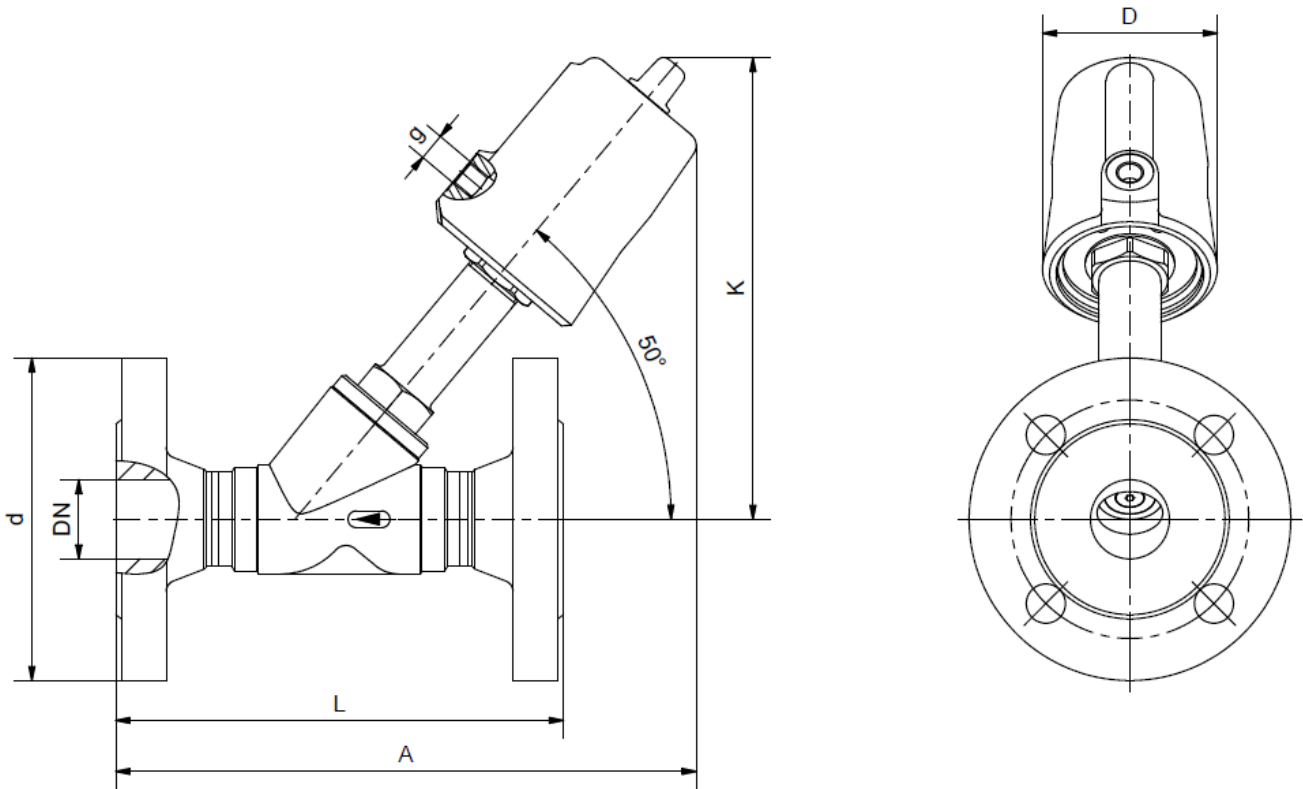
DN	Seat Ø mm	Kv-value m <sup>3</sup> /h	Standard type	max. pressure with actuator		
				7.05	7.08	7.13
15	13	4,6	.6323/0804/7...-FL	0-40	-	-
20	18	6,4	.6324/0804/7...-FL	0-20	-	-
25	24	8,4	.6325/0804/7...-FL	0-16	0-25	-
32	31	21,5	.6326/0804/7...-FL	0-9	0-25	-
40	35	27,0	.6327/0804/7...-FL	0-7	0-20	0-40
50	45	45,0	.6328/0804/7...-FL	0-4	0-12	0-20
65	63	82,0	.6329/0804/7...-FL	-	0-6	0-10
80	75	125,0	.6330/0804/7...-FL	-	0-4	0-10



Description	
1	Position indicator
2	Cylinder
3	Spring
4	Piston
5	Distancing
6	Spindle
7	Valve seat
8	Valve body



# DIMENSIONS



Actuator	7.05						7.08		
Type	6323	6324	6325	6326	6327	6328	6325	6326	6327
DN	15	20	25	32	40	50	25	32	40
A	186	196	207	225	240	265	243	255	269
d	95	105	115	140	150	165	115	140	150
D	62	62	62	62	62	62	94	94	94
K	152	156	166	181	185	200	205	213	220
L	130	150	160	180	200	230	160	180	200
g	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8
kg	2,9	3,6	4,1	5,9	6,6	8,8	4,8	6,2	6,8

Actuator	7.08			7.13			
Type	6328	6329	6330	6327	6328	6329	6330
DN	50	65	80	40	50	65	80
A	235	on req.	on req.	335	356	on req.	on req.
d	165	185	200	150	165	185	200
D	94	94	94	140	140	140	140
K	290	on req.	on req.	295	305	on req.	on req.
L	230	290	310	200	230	290	310
g	1/8	1/8	1/8	1/4	1/4	1/4	1/4
kg	8,9	on req.	on req.	9,0	11,0	on req.	on req.



## INFORMATION

- It is imperative to observe the installation and safety instructions in our operating and service manuals.
- Required ordering information: valve type, function NC/NO, pressure range, connection, nominal width, medium, flow rate, medium and ambient temperatures, connection voltage.
- **For information on the heating and performance of solenoid coils, refer to the corresponding "Coils" data sheet.**
- **Detailed production-specific drawings and other technical information will be made available when an order is placed.**

## PLEASE NOTE

Each individual application decides which valve type is required, the main factor being the resistance of the materials to the operating medium. The correct selection of materials requires knowledge of the concentration, temperature and degree of contamination of the medium. Other criteria include the operating pressure and max. volumetric flow, since, in addition to high temperatures, high pressures and high flow rates must also be taken into account when selecting the materials.

**All materials used for our valves, be it housing, seals or magnets, will be carefully selected in view of the different application areas. Any information given is non-binding and serves for orientation only. No claims under warranty can be derived therefrom.**

## ORDERING CODE

Type	Connection	Body	Sealing	Actuator		Option	
<b>. 6 3</b> <b>2/977</b>	<b>2 3</b>	<b>0 8</b>	<b>0 4</b>	<b>7 5</b>	<b>0 5</b>	<b>F L</b>	
23	DN15	08	St.steel 1.4408	7 .	Closed wo/ press.	FL	Flanged
24	DN20			8 .	Open wo/ press.		
25	DN25	04	PTFE	9 .	double-acting		
26	DN32			. 3	Actuat.-St.steel		
27	DN40			. 5	Actuat.-nickel-pl.		
28	DN50			. 5	50 mm		
29	DN65			. 8	80 mm		
30	DN80			. 3	125 mm		

 2/977: ATEX acc. to 20/14/34EU // PTB 04 ATEX D 042 // II 2G Ex h IIC T6...T3 Gb X // II 2D Ex h IIIC T80°C...195°C Db X