



## 2/2-way valve for medium up to +140°C

- Normally closed or open
- Body material: Brass, Stainless steel
- Double spindle seal
- Compact design

Type 0262 can be combined with...



**Type 6012/6014P**

Pilot valve



**Type 8640/8644**

Valve Block



**Type 8645**

Valve Block



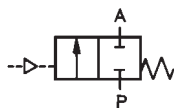
**Type 8311**

Pressure Sensor/Switch

The externally controlled valve is pneumatically operated. It consists of a diaphragm actuator and a 2-way valve body. The diaphragm actuator moves a spindle with valve disc against a spring and switches the valve. The spindle is designed glandless with double seal. The actuator body is made out of epoxy resin.

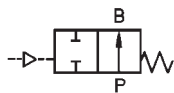
### Circuit function A

2/2-way valve, externally controlled, normally closed by spring operation with pilot valve



### Circuit Function B

2/2-way valve, externally controlled, normally opened by spring, operation with pilot valve

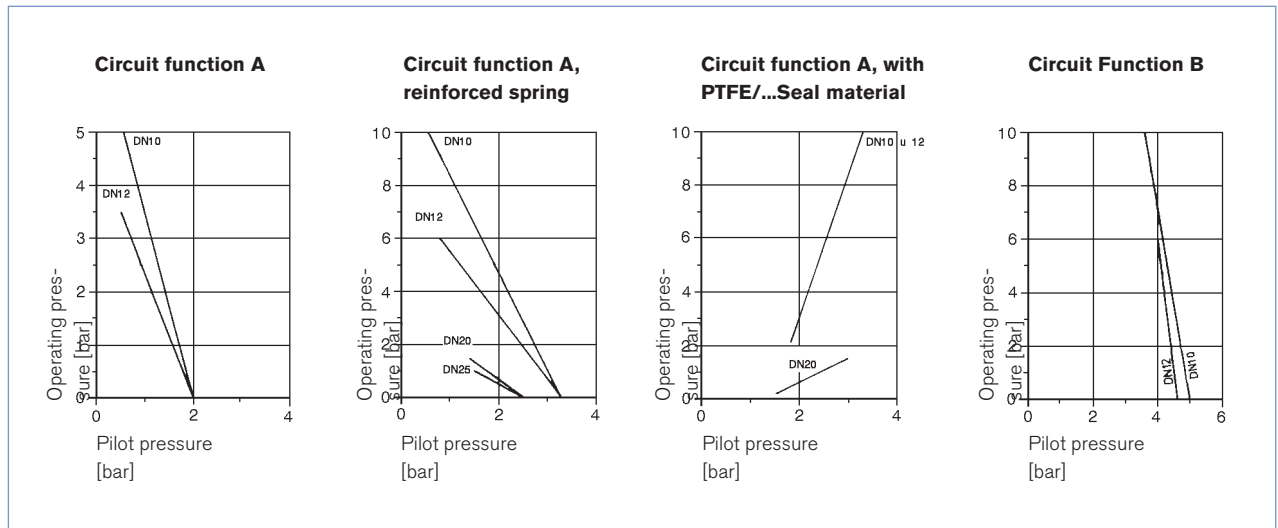


Technical data	
<b>Body material</b>	Brass, stainless steel
<b>Inner part valve</b>	Stainless steel
<b>Actuator</b>	Epoxy resin
<b>Seal material</b>	NBR, FKM, PTFE/FKM, EPDM, PTFE/EPDM
<b>Medium</b>	
NBR	neutral medium (e.g. compressed air, town gas, water, hydraulic oil)
FKM	per-solution, oxygen, hot air
EPDM	oil and fat-free medium e.g. hot water, alkaline washing and bleaching lyes
PTFE/EPDM (PTFE seal with EPDM O-Ring)	oil and fat-free medium, e.g. hot water and steam
PTFE/FKM (PTFE seal with FKM O-Ring)	hot oils, hydrocarbonated water, aromatics and steam
<b>Viscosity</b>	max. 100 mm <sup>2</sup> /s
<b>Medium temperature</b>	
NBR	-10 up to + 90 °C
FKM	-10 up to +100 °C
EPDM	-10 up to +100 °C
PTFE/EPDM	-10 up to +140 °C
PTFE/FKM	-10 up to +140 °C
<b>Control medium</b>	neutral gases and liquids, in particular air, water, hydraulic liquids up to max. +90 °C
<b>Pilot pressure</b>	see diagram
<b>Ambient temperature</b>	-10 up to +90 °C
<b>Installation</b>	As required, preferably with actuator upright
<b>Flow rate</b>	
Kv value water [m <sup>3</sup> /h]:	measured at +20°C, 1 bar pressure at valve inlet and free outlet
<b>Pressure values [bar]</b>	Measured as overpressure to the atmospheric pressure
<b>Response times [ms]:</b>	Measured at valve outlet at 6 bar and +20°C.
Opening	Pressure relief 0 90%
Closing	Pressure drop 100 to 10%

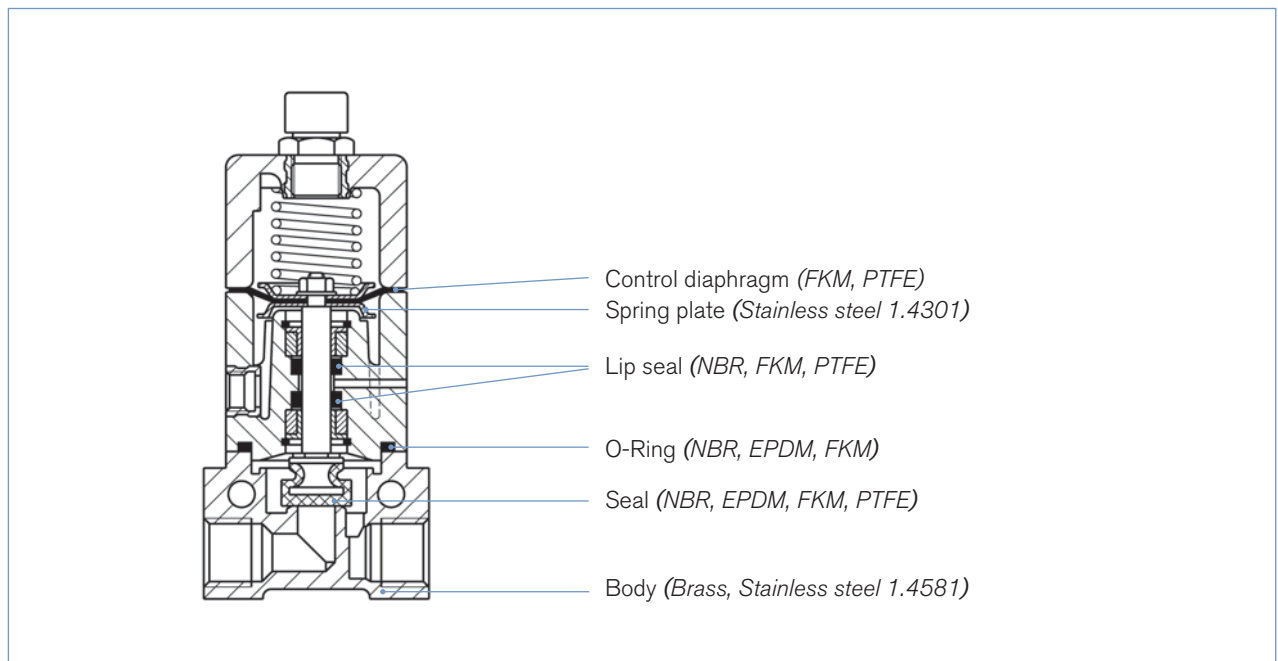
Technical data *continued*

Orifice [mm]	Kv value water [m <sup>3</sup> /h]	Port connection	Pressure range of circuit function			Weight [kg]
			A normal spring [bar]	A reinforced spring [bar]	B normal spring [bar]	
10	1.0	G 3/8	0 - 5	0 - 10	0 - 10	0.5
12	2.1	G 1/2	0 - 3.5	0 - 6	0 - 10	0.6
20	6.5	G 3/4	-	0 - 1.5	0 - 1.5	1.0
25	10.0	G 1	-	0 - 1	0 - 1	1.4

## Operating pressure chart - pilot pressure



## Material

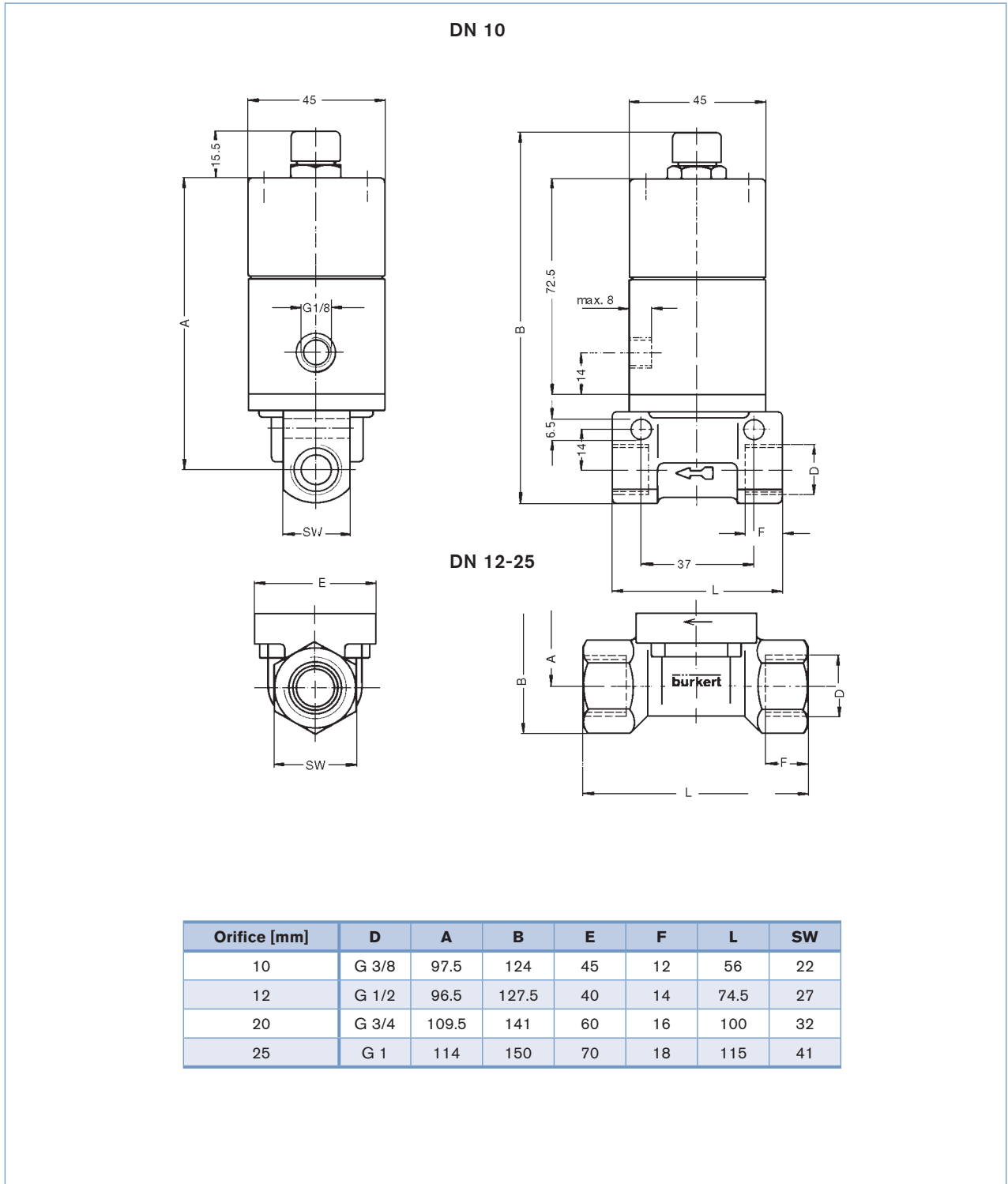


## Ordering chart for valves (other versions on request)

## Valves with threaded port connection

Circuit function	Orifice [mm]	Port connection	Kv value water [m <sup>3</sup> /h]	Spring	Pressure range [bar]	Seal material	Item no.
<b>Brass body</b>							
<b>A</b>	10	G 3/8	1.0	normal	0-5	EPDM	026 059
						FKM	026 257
						NBR	026 287
				reinforced	0-10	EPDM	027 400
						FKM	026 459
						NBR	027 643
	12	G 1/2	2.1	normal	0-3.5	PTFE/FKM	026 457
						EPDM	027 545
						FKM	026 088
				reinforced	0-6	EPDM	027 734
						NBR	026 079
						FKM	027 926
	20	G 3/4	6.5	reinforced	0-1.5	NBR	027 991
						PTFE/EPDM	026 200
						PTFE/FKM	028 004
25	G 1	10.0	reinforced	0-1	EPDM	028 211	
					FKM	028 046	
					NBR	028 072	
<b>B</b>	10	G 3/8	1.0	normal	0-10	EPDM	029 106
						FKM	028 410
						NBR	028 071
	12	G 1/2	2.1	normal	0-10	EPDM	026 812
						FKM	027 891
						NBR	026 290
	20	G 3/4	6.5	normal	0-1.5	EPDM	027 988
						FKM	026 715
						NBR	026 298
						EPDM	028 557
						FKM	027 773
						NBR	027 639
<b>Stainless steel body</b>							
<b>A</b>	12	G 1/2	2.1	reinforced	0-6	EPDM	028 080
						PTFE/FKM	027 557

## Dimensions [mm]



To find your nearest Bürkert facility, click on the orange box → [www.burkert.com](http://www.burkert.com)

In case of special application conditions,  
please consult for advice.

Subject to alterations  
© Christian Bürkert GmbH & Co. KG

1006/1\_EU-en\_00891616