



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

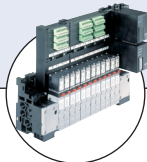
- Normally closed or open
- Body material: Brass, Stainless steel
- Double spindle seal
- Compact design

Type 0262 can be combined with...



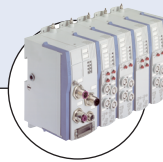
**Type 6012/6014P**

Pilot valve



**Type 8640/8644**

Valve Block



**Type 8645**

Valve Block



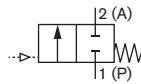
**Type 8311**

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.

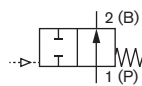
### Circuit function A

2/2 way valve, operated by external air, normally closed



### Circuit Function B

2/2 way valve, operated by external air, normally open



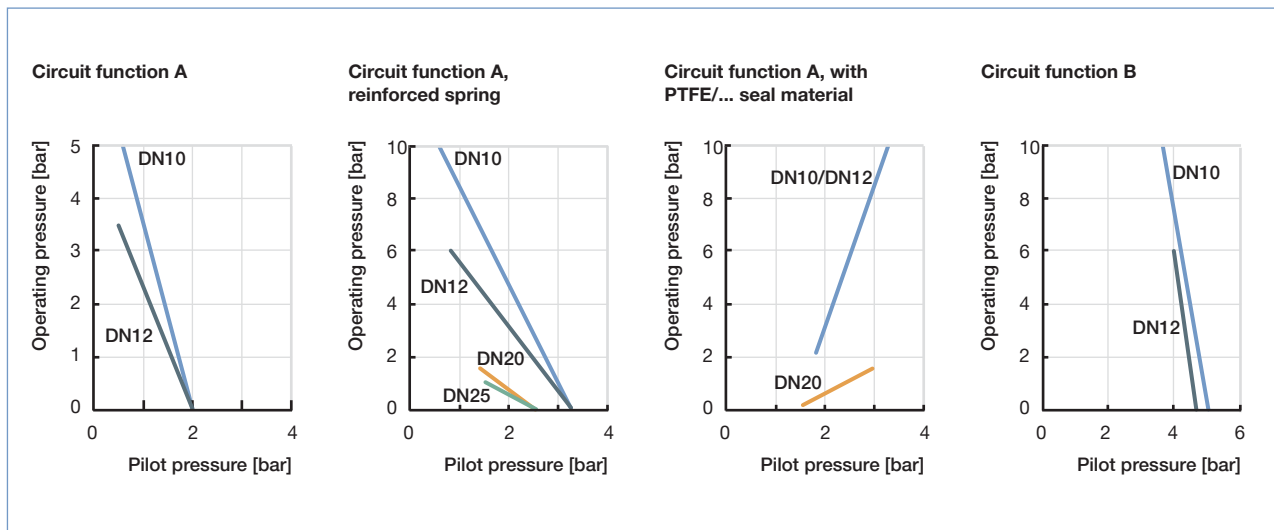
### Technical data

<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>	
K <sub>v</sub> 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%

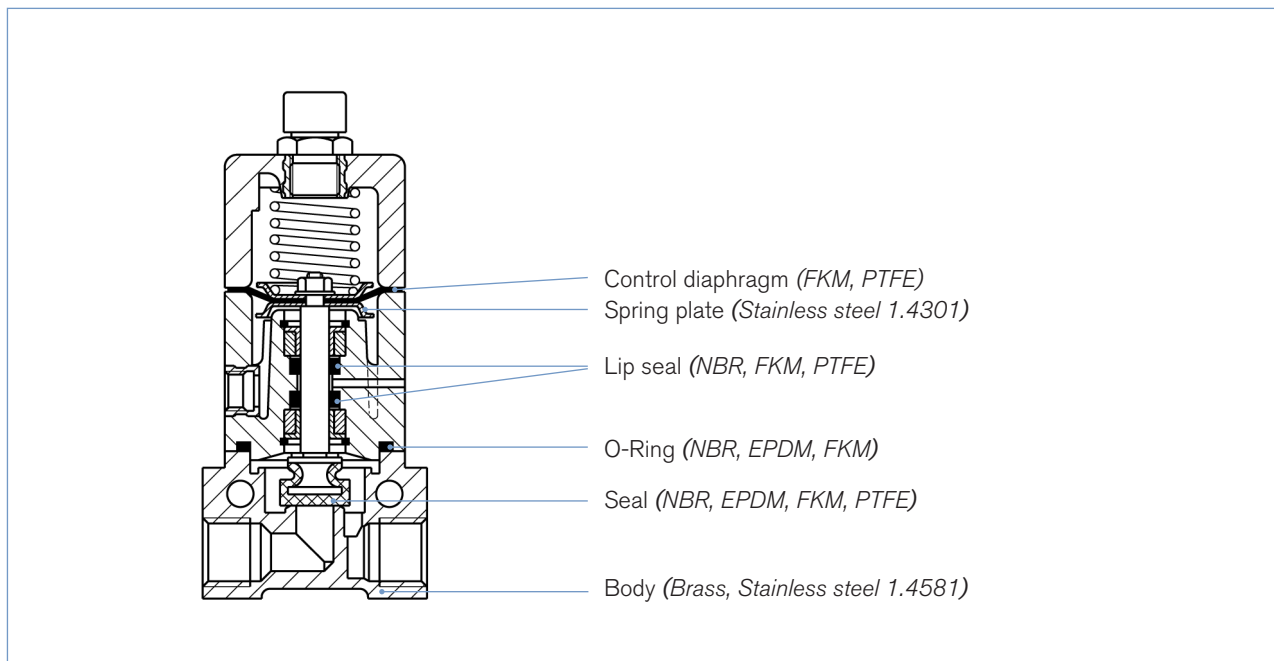
Technical data *continued*

Orifice [mm]	K <sub>v</sub> 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

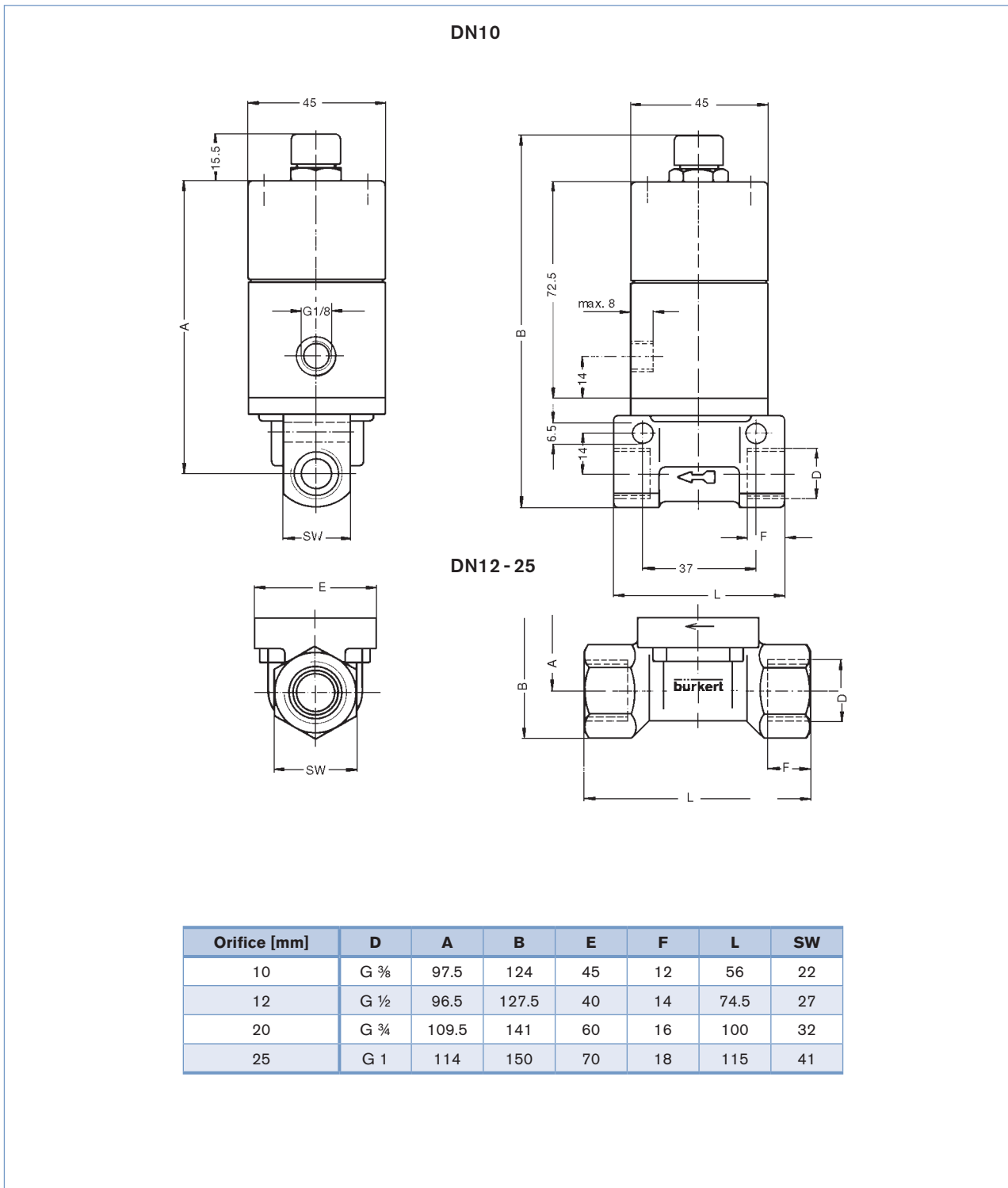


## Ordering chart for valves (other versions on request)

## Valves with threaded port connection

Circuit function	Orifice [mm]	Port connection	K <sub>v</sub> value water [m <sup>3</sup> /h]	Spring	Pressure range [bar]	Seal material	Article no.
<b>Brass body</b>							
<b>A</b>	10	G 3/8	1.0	normal	0-5	EPDM	026059 
						FKM	026257 
						NBR	026287 
				reinforced	0-10	EPDM	027400 
						FKM	026459 
						NBR	027643 
	normal	0-3.5	2.1	EPDM	027545 		
				FKM	026088 		
				NBR	027734 		
	reinforced	0-6	2.1	EPDM	026079 		
				FKM	027926 		
				NBR	027991 		
	PTFE/EPDM	0-6	2.1	PTFE/EPDM	026200 		
				PTFE/FKM	028004 		
				EPDM	028211 		
20	G 1/4	6.5	reinforced	0-1.5	FKM	028046 	
					NBR	028072 	
					EPDM	029106 	
25	G 1	10.0	reinforced	0-1	FKM	028410 	
					NBR	028071 	
					EPDM	028410 	
<b>B</b>	10	G 3/8	1.0	normal	0-10	EPDM	026812 
						FKM	027891 
						NBR	026290 
	12	G 1/2	2.1	normal	0-10	EPDM	027988 
						FKM	026715 
						NBR	026298 
	20	G 1/4	6.5	normal	0-1.5	EPDM	028557 
						FKM	027773 
						NBR	027639 
<b>Stainless steel body</b>							
<b>A</b>	12	G 1/2	2.1	reinforced	0-6	EPDM	028080 
						PTFE/FKM	027557 

## 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.

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