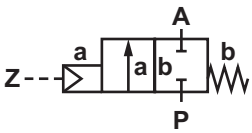
2/2-way valves DN 15 to DN 80

For aggressive gases and liquids
Pressure actuated by external fluid
Seat valves
Internal thread G 1/2 to G 3 or 1/2" NPT to 3" NPT
Operating pressure: 0 - 20 bar (see technical data)





Description (standard valve)

Switching function:	normally closed
Flow direction:	determined
Mounting position:	as required

Process fluid characteristics / Valve material

Fluid temperature:	-10 °C up to max. +180 °C
Ambient temperature:	-10 °C up to max. +60 °C
Body:	Stainless steel
Seat seal:	PTFE
Internal parts:	Stainless steel
Spindle sealing:	PTFE / FPM, self-adjusting

Pilot fluid characteristics / Actuator material

Pilot fluid:	neutral gases
Fluid temperature:	max. +60 °C
Body:	Polyamid 66 with 30% fibre glass
Seal:	NBR
Internal parts:	Brass, Stainless steel

Features

- Easy conversion into "normally open" or "double-acting" without tool (actuator Ø 70 mm only)
- Optical position indicator is standard
- Damped closing (valve closes against flow direction)
- Suitable for contaminated process fluids
- Suitable for vacuum up to max. 90% (actuator Ø 70 mm only)
- Reversed flow direction optional
- High flow rate
- Optional pressure actuation by liquid pilot fluids

Technical data actuator Ø 70 mm

Connection size G	DN mm	kv-Value m³/h	Part number	Operating pressure bar*				
				PTFE	Normally open**	Position indicator: on / off with micro switches	NAMUR adapter plate	Position indicator to NAMUR EN 50227
			→	00	01	23	50	58
1/2	15	4.8	84522**XX**.0000.**00000**	0 - 16	0 - 16	0 - 16	0 - 16	0 - 16
3/4	20	10.0	84523**XX**.0000.**00000**	0 - 10	0 - 10	0 - 10	0 - 10	0 - 10
1	25	14.0	84524**XX**.0000.**00000**	0 - 10	0 - 10	0 - 10	0 - 10	0 - 10
1 1/4	32	23.0	84525**XX**.0000.**00000**	0 - 7	0 - 7	0 - 7	0 - 7	0 - 7
1 1/2	40	30.0	84526**XX**.0000.**00000**	0 - 4.5	0 - 4.5	0 - 4.5	0 - 4.5	0 - 4.5
2	50	37.0	84527**XX**.0000.**00000**	0 - 3	0 - 3	0 - 3	0 - 3	0 - 3

* Pilot pressure 3.5 - 10 bar, pilot connection Z2

** Pilot pressure 1 - 10 bar, pilot connection Z1