





PNX-55-520

Design, function and technical data

Pneumatically operated spool valve. The valve switches upon pressurization of the pilot port (12 or 14).

PNX-55-511

The locating pin, screws and seals are included.

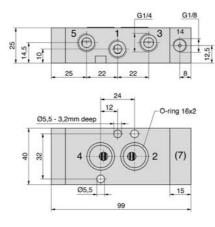
Valves of this series are available in explosion proof design in accordance with 2014/34/EU (ATEX). For further details see chapter 13 of this catalogue.

G1/4 G1/8 12 1 3 \odot 25 12,5 44 8 24 12 O-ring 16x2 Ø5,5 - 3,2mm de 0 2 3 (7) 40 32 C Ø5,5 15 99

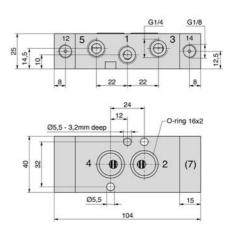
1 = pressure inlet

PNX-55-311

- 2 = outlet
- 3 = exhaust
- = The pilot port can be repositioned by (180°). (7)



- = pressure inlet 1
- 2, 4 = outlets
- 3, 5 = exhausts
- (7) = The pilot port can be repositioned by (180°) .



= pressure inlet

- 1 2, 4 = outlets
- 3, 5 = exhausts
- (7) = The pilot port can be repositioned by (180°) .

Order number	PNX-55-311	PNX-55-511	PNX-55-520
Function	3/2-way, normally closed single solenoid, spring return	5/2-way single solenoid spring return	5/2-way double solenoid
Connection	G1/4 at 1 and 3; flange acc. to NAMUR at 2 and 3; Pilot port: G1/8	G1/4 at 1, 3 and 5; flange acc. to NAMUR at 2 and 4; Pilot port: G1/8	
Nominal size	6 mm		
Flow rate	1280 NI/min (1.301 Cv)	1060 NI/min (1.077 Cv)	1050 NI/min (1.067 Cv)
Working pressure range	3 10 bar (43.5 145 psi)		
Pilot pressure range	equivalent to working pressure		
Temperature range	- 30 °C + 80 °C (- 22 °F + 176 °F)		
Materials	Body: 1.4571, Inner parts: 1.4305, Seals: PU, NBR		
Medium	Compressed air in accordance with ISO 8573-1:2010, Class 7:2:4 – and free of aggressive additives. T_{MEDIUM} – 30 °C + 50 °C (– 22 °F + 122 °F)		
Weight	0.640 kg (1.411 lbs.)	0.630 kg (1.389 lbs.)	0.660 kg (1.455 lbs.)