New

Series 8 pneumatic operated cartridge valves

2/2-way - 3/2-way, Normally Closed (NC)



CODING EXAMPLE	

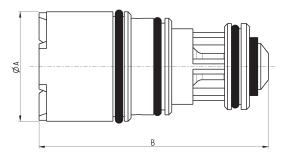
CONTROL > Series 8 cartridge valves

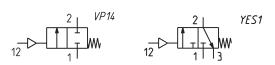
8	10 C5 1 00 - F1 3 2
8	SERIES
10	SIZE: 10 = Size 1 20 = Size 2 30 = Size 3
C5	BODY DESIGN: C5 = cartridge
1	NUMBER OF WAYS - FUNCTIONS: 1 = 2/2-way NC or 3/2-way NC NOTE: The function depends on the seat used (for further details see the following pages)
00	PNEUMATIC CONNECTIONS: 00 = cartridge
F1	NOMINAL DIAMETER: F1 = Ø 5.0 mm (size 1 only) G7 = Ø 6.6 mm (size 2 only) K1 = Ø 9.0 mm (size 3 only)
3	SEAL MATERIAL: 3 = FKM
2	BODY MATERIAL: 2 = brass



Pneumatic cartridge valve 2/2-way and 3/2-way NC

For 2/2-way (pneumatic symbol VP14) or 3/2-way (pneumatic symbol YES1) function, see the seat dimensioning in the next pages.





Mod.	ØA	В	Nominal diameter Ø (mm)	Kv (l/min)	Min/max pressure (bar)	Min/max pilot pressure (bar)
810C5100-F132	10	26.7	5.0	10	-0.9 ÷ 7	2 ÷ 7
820C5100-G732	14.5	30.3	6.6	19	-0.9 ÷ 7	2 ÷ 7
830C5100-K132	22	34.8	9.0	38	-0.9 ÷ 7	2 ÷ 7

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NOTE IN THE DRAWING: 1 = INLET 2 = OUTLET Σ

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SERIES 8	

SERI	E3 0																
Size	А	В	С	D	F	G	Н	I	М	Ν	Р	R	S	Т	U	V	Z
1	10.4	9.7	9	8.2	0.8	14.5	20.7	25	13.2	26.3	1.5	5	1.5	19.1	3	5	30
2	14.65	12.95	11.55	9.5	0.8	12.8	24.2	27.9	12.2	28	1.9	7	1.5	21	2.5	3	33
3	22.1	20.6	19.6	16.2	0.5	15	28.7	33.4	13.5	37.4	4	4.4	2.5	24.8	3.75	5	41

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Seat for Series 8 pneumatic valve with 2/2-way NC function

ØA ⁺0.1

ØВ *8.1 ØС *8.1

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Ø.16

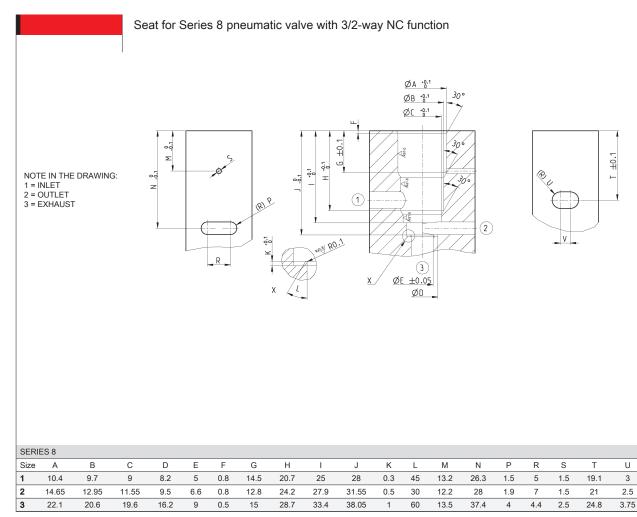
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