5/3-way valve

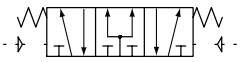
pneumatic - »4A« series

EASY

Art. No. **116080**

Type No. **516.8000**





Exemplary illustration

5/3-way pilot valves

- Pneumatic -

Technical data

Operation	pneumatic
Function	5/3 mid-position pressurised
Connection	M5 IT
Exhaust connection	M5 IT
Control air port	G 1/8 IT
Flow cross-section	5.0 mm²
Flow rate measurement	at P_1 = 8 bar, P_2 = 6 bar and pressure drop Δ_p = 1 bar
Flow rate	250 l/min
Medium	filtered compressed air (min. ≤ 40 µm) with or without lubrication. If lubricated, then continuous.
Operating pressure	1.5 - 8 bar
Test pressure	15 bar
Temperature range	-20 to 70 °C
Valve body	aluminium alloy
Size	100
Maximum switching frequency	3 switching cycles
Series	4A

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Commercial data

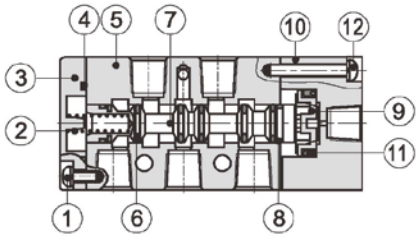
Customs tariff number	84818079
Country of origin	CN
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UNSPSC_Code_v190501	40141603
UNSPSC_CodeDesc_v190501	Pneumatic valves

Material informations

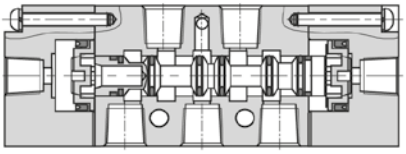
REACH SVHC1 substance name	no
CAS no. SVHC 1	no CAS No.
RoHS materials notice	RoHS compliant
REACH Info	no SVHC substance included

Components and material

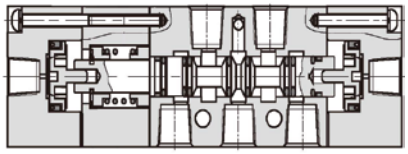
5/2-way pilot valve, monostable



5/2-way pilot valve, bistable



5/3-way pilot valve



No.	Item	Material
1	Screw	Steel
2	Spool spring	Stainless steel
3	Cover	Aluminium alloy
4	Gasket	NBR
5	Body	Aluminium alloy
6	Spool O-ring	HNBR
7	Spool	Aluminium alloy
8	Wear ring	PA 66
9	Piston	POM
10	Pilot body	Aluminium alloy
11	Piston O-ring	NBR
12	Screw	Steel

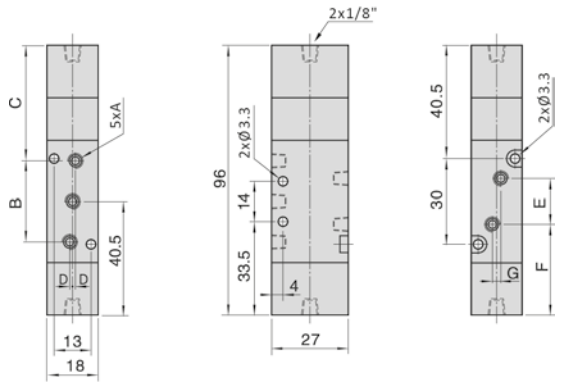
Port identification pneumatic valves

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	Designation at the valve	Corresponds to ISO 1219-1
Input port	P	1
Output port	A	2
Output port	B	4
Exhaust port	R	3
Exhaust port	S	5
Control port	Y	12
Control port	Z	14

Dimensions [mm]



Connection	Exhaust connection	Control air port	B	C	D	E	F	G
			mm	mm	mm	mm	mm	mm
M5 IT	M5 IT	G 1/8 IT	27.0	42.0	0.0	14.0	33.5	0

Accessories

	Art. No.	Type No.
Multi-base plate for 5/2-5/3-way valve pneumatic / electropneumatic, 2 valve positions, Valves connection M5, G 1/8	116245	5520.02-18
Multi-base plate for 5/2-5/3-way valve pneumatic / electropneumatic, 3 valve positions, Valves connection M5, G 1/8	116249	5520.03-18
Multi-base plate for 5/2-5/3-way valve pneumatic / electropneumatic, 4 valve positions, Valves connection M5, G 1/8	116253	5520.04-18
Multi-base plate for 5/2-5/3-way valve pneumatic / electropneumatic, 5 valve positions, Valves connection M5, G 1/8	116257	5520.05-18
Multi-base plate for 5/2-5/3-way valve pneumatic / electropneumatic, 6 valve positions, Valves connection M5, G 1/8	116261	5520.06-18
Multi-base plate for 5/2-5/3-way valve pneumatic / electropneumatic, 7 valve positions, Valves connection M5, G 1/8	116265	5520.07-18

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Accessories

	Art. No.	Type No.
Multi-base plate for 5/2-5/3-way valve pneumatic / electropneumatic, 8 valve positions, Valves connection M5, G 1/8	116269	5520.08-18

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