5/2-way valve

pneumatic - »4A« series

EASY

Art. No. **116053**

Type No. **516.4001**



Exemplary illustration

5/2-way pilot valves

- Pneumatic -

Technical data

Operation	pneumatic
Function	5/2 monostable
Connection	G 1/8 IT
Exhaust connection	G 1/8 IT
Control air port	G 1/8 IT
Flow cross-section	12.0 mm²
Flow rate measurement	at P_1 = 8 bar, P_2 = 6 bar and pressure drop Δ_p = 1 bar
Flow rate	500 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	5 switching cycles
Series	4A

RIEGLER & Co. KG
Schützenstraße 27
72574 Bad Urach
Tel. +49 7125 9497-642
technik@riegler.de

Subject to technical changes and errors reserved.
The proficiency testing is the responsibility of the user.
29.10.2026 The specified data do not represent legally guaranteed properties.

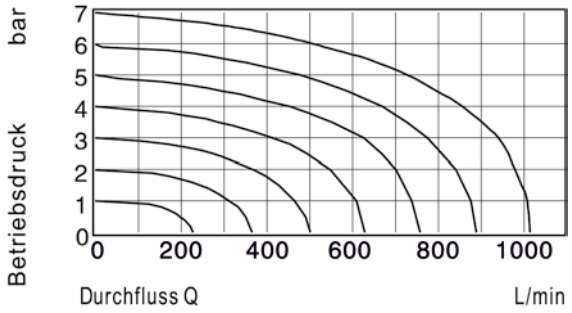
Commercial data

Customs tariff number	84818079
Country of origin	CN
eCl@ss 5.1.4	27291501
eCl@ss 9.0	27291390
UNSPSC_Code_v190501	40141603
UNSPSC_CodeDesc_v190501	Pneumatic valves

Material informations

RoHS materials notice	RoHS compliant
REACH Info	no SVHC substance included

Flow chart

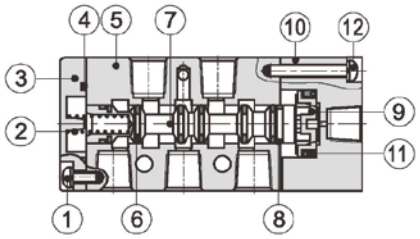


RIEGLER & Co. KG
Schützenstraße 27
72574 Bad Urach
Tel. +49 7125 9497-642
technik@riegler.de

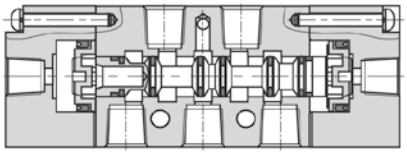
Subject to technical changes and errors reserved.
The proficiency testing is the responsibility of the user.
29.10.2026 The specified data do not represent legally guaranteed properties.

Components and material

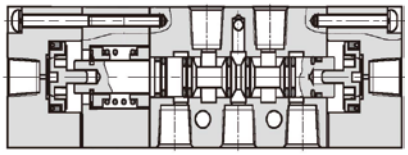
5/2-way pilot valve, monostable



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

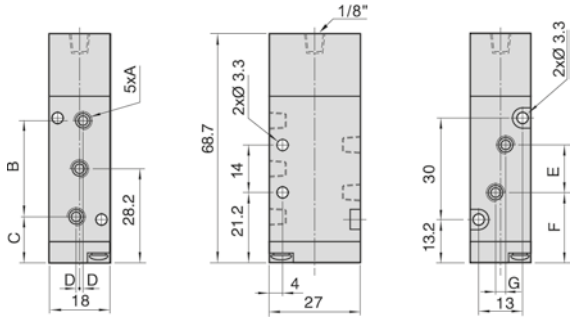
Port identification pneumatic valves

	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

RIEGLER & Co. KG
Schützenstraße 27
72574 Bad Urach
Tel. +49 7125 9497-642
technik@riegler.de

Subject to technical changes and errors reserved.
The proficiency testing is the responsibility of the user.
29.10.2026 The specified data do not represent legally guaranteed properties.

Dimensions [mm]



Connection	Exhaust connection	Control air port	B	C	D	E	F	G
			mm	mm	mm	mm	mm	mm
G 1/8 IT	G 1/8 IT	G 1/8 IT	28.0	14.2	1.0	16.0	20.2	3

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
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

RIEGLER & Co. KG
Schützenstraße 27
72574 Bad Urach
Tel. +49 7125 9497-642
technik@riegler.de

Subject to technical changes and errors reserved.
The proficiency testing is the responsibility of the user.
29.10.2026 The specified data do not represent legally guaranteed properties.