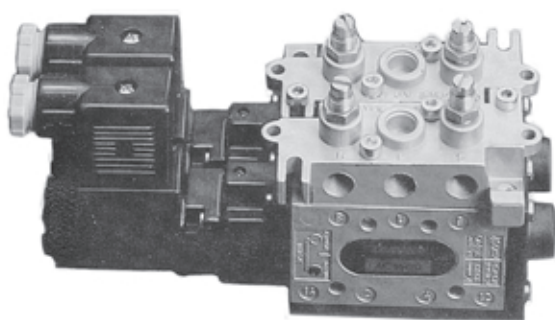


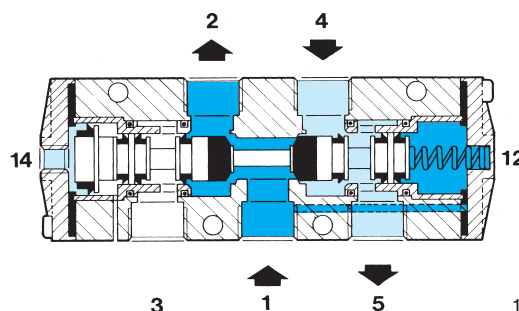
The "Mixed" system which has been produced for years is recommended for the majority of pneumatic applications which do not have particular circuitry requisites. The favourable quality/price ratio (response time, high cycles, high flow) make this valve particularly convenient. The special construction and the use of a special type of seal compound allow the use also with non lubricated air.

TECHNICAL CHARACTERISTICS

Body in die-cast aluminium
 Ambient temperature -10°C to $+45^{\circ}\text{C}$
 Fluid temperature $+50^{\circ}\text{C}$ max
 Fluid: filtered air $50\text{ }\mu\text{m}$, with or without lubrication
 Seals in nitrile rubber or Vulkollan
 Indirect electropneumatic or pneumatic control
 Pneumomechanical spring return
 Coil **U1** part number DA-... (upon request U3 coil part number DC-...) - **U2** part number DB-...
 (Section accessories page 13-V).

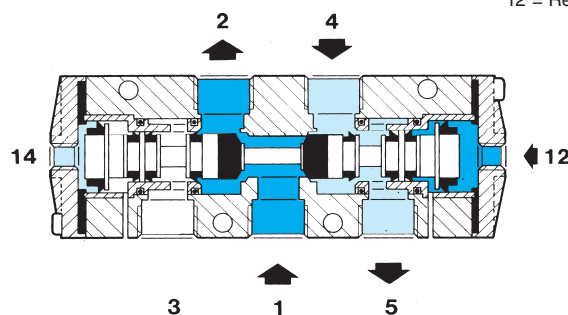


Single pneumatic control



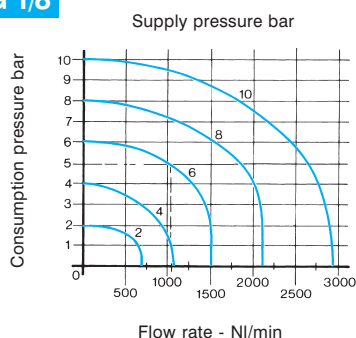
1 = Supply
 2-4 = Consumptions
 3-5 = Exhausts
 14 = Control
 12 = Return

Double pneumatic control

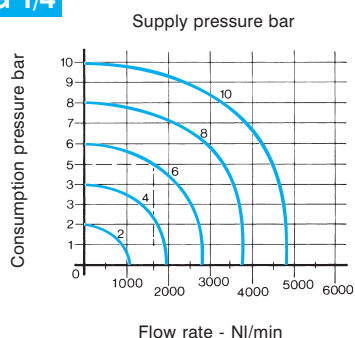


NOTE: an indicative estimate of the factor "CV" can be obtained by dividing the capacity values expressed in NI/min by "962"

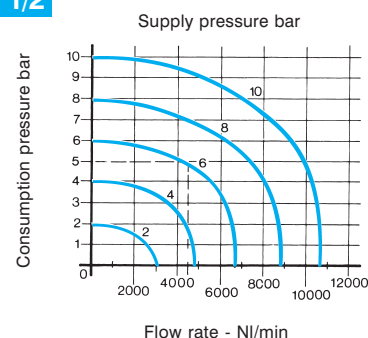
G 1/8



G 1/4

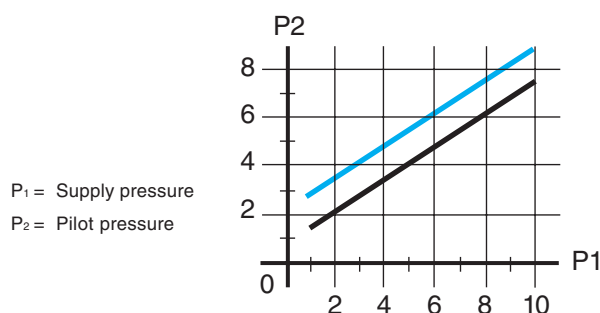


G 1/2

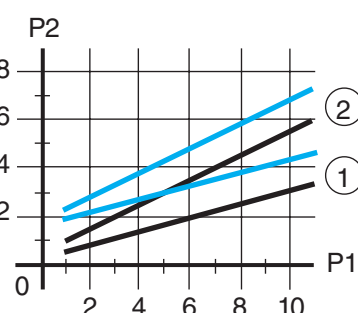


Pilot characteristics

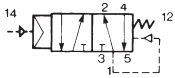
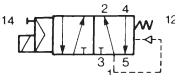
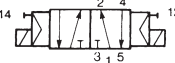
Single pneumatic control



Double pneumatic control



① amplified control
 ② differential control
 P_1 = Supply pressure
 P_2 = Pilot pressure

Type	Symbols	Conne- ctions	Control (14)	Return (12)	Coils	Ø mm	Capacity NI/min	Pressure bar	Times ms energ. (14) de-energ. (12)	Mass kg	Part number	
		G 1/8	Amplified pneumatic	Pneumatic- mechanic spring		6	1080	1,8 ÷ 10	8	10	0,22	AC-7100
		G 1/4				8	1600	1,7 ÷ 10	10	10	0,23	AC-8100
		G 1/2				15	4600	1 ÷ 10	10	10	0,76	AC-9100
		G 1/8	Amplified pneumatic	Amplified pneumatic		6	1080	1 ÷ 10	5	10	0,23	AC-7120
		G 1/4				8	1600	0,8 ÷ 10	6	6	0,21	AC-8120
		G 1/2				15	4600	0,8 ÷ 10	8	8	0,77	AC-9120
		G 1/8	Amplified electrical	Pneumatic- mechanic spring	U1	6	1080	1,8 ÷ 10	18	20	0,27	AC-7500 ⊖
		G 1/4				8	1600	1,7 ÷ 10	22	22	0,28	AC-8500 ⊖
		G 1/2			U2	15	4600	1 ÷ 10	23	30	1,1	AC-9500 ⊖
		G 1/8	Amplified electrical	Amplified electrical	U1	6	1080	1 ÷ 10	14	14	0,33	AC-7520 ⊖
		G 1/4				8	1600	0,8 ÷ 10	14	14	0,31	AC-8520 ⊖
		G 1/2			U2	15	4600	0,8 ÷ 10	16	16	1,1	AC-9520 ⊖

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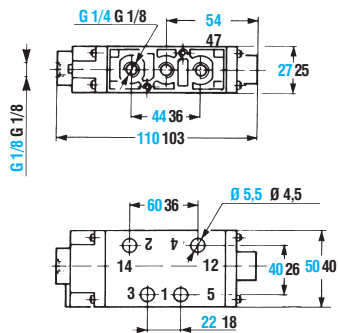
Email: 13779968079@139.com

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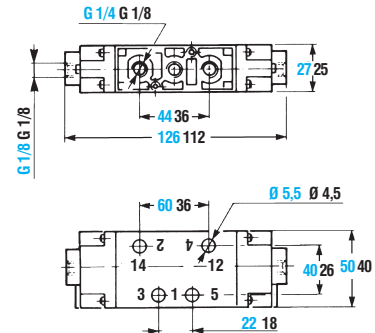
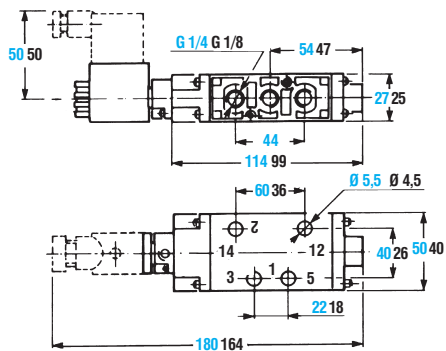
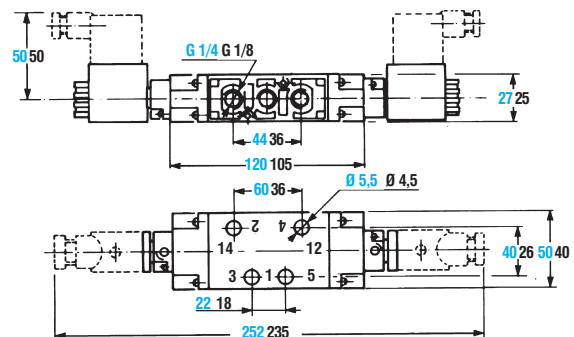
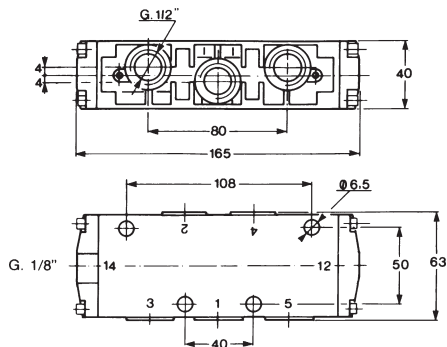
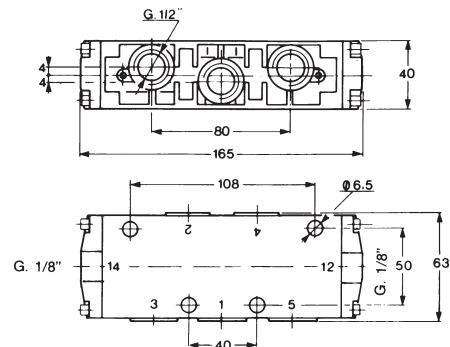
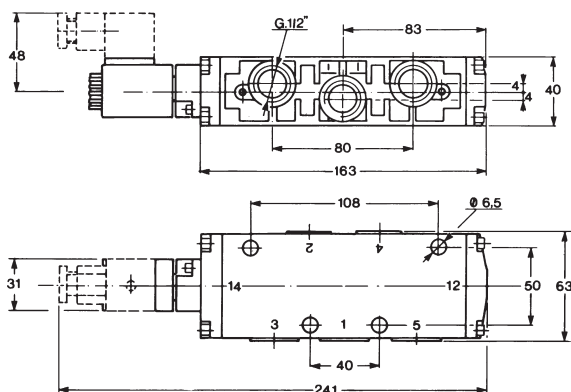
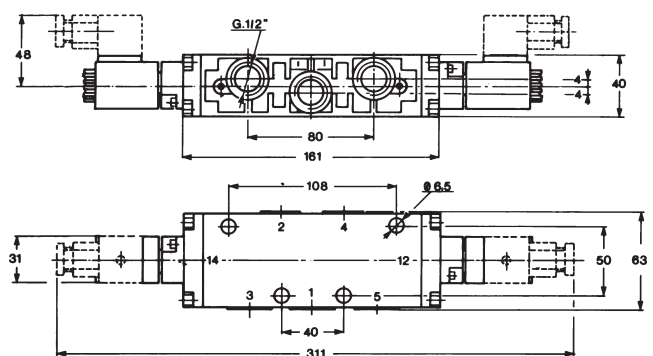
The part numbers of the electrovalves do not include coils.

Servoassistance of the G 1/8 and G 1/4 electrovalves is possible by putting a servoplate between the electropilot and the cap thus increasing the length per pilot by 8 mm in comparison with the standard version.

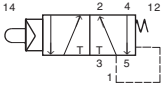
Single pneumatic control 5/2 G1/8 - G1/4



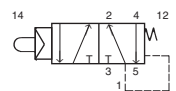
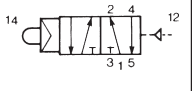
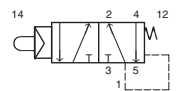
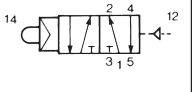
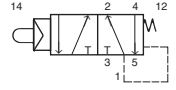
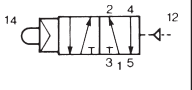
Double pneumatic control 5/2 G1/8 - G1/4

Single electric control 5/2 G1/8 - G1/4
L/aligned solenoidDouble pneumatic control 5/2 G1/8 - G1/4
L/aligned solenoidSingle pneumatic control 5/2 - G 1/2
Mixed systemDouble pneumatic control 5/2 - G 1/2
Mixed systemSingle electric control 5/2 G1/8 - G1/4
Mixed system - solenoid in line/LDouble pneumatic control 5/2 G1/8 - G1/4
Mixed system - solenoid in line/L

1 = Pressure, 2-4 = Consumption, 3-5 = Exhaust, 14 = Control, 12 = Return.

Type	Symbol	Connections	Control (14)	Return (12)	Ways	Ø mm	Capacity NI/min	Pressure bar	Mass kg	Part number
		G 1/8	Tappet rod	Pneumatic-mechanical spring	5/2	6	1080	2 ÷ 10	0,27	AC-7010
		G 1/4			5/2	8	1600	2 ÷ 10	0,28	AC-8010
		G 1/2			5/2	15	4600	2 ÷ 10	0,33	AC-9010

Ø 22 valves for panel actuators mounting

		G 1/8	Tappet rod	Pneumatic-mechanical spring	5/2	6	1080	2 ÷ 10	0,28	AC-7013
		G 1/8		Pneumatic impulse	5/2	6	1080	1 ÷ 10	0,29	AC-7013P
		G 1/4	Tappet rod	Pneumatic-mechanical spring	5/2	8	1600	2 ÷ 10	0,29	AC-8013
		G 1/4		Pneumatic impulse	5/2	8	1600	1 ÷ 10	0,28	AC-8013P
		G 1/2	Tappet rod	Pneumatic-mechanical spring	5/2	15	4600	2 ÷ 10	0,84	AC-9013
		G 1/2		Pneumatic impulse	5/2	15	4600	1 ÷ 10	0,83	AC-9013P

The operation of this valve is so effortless that the operator does not get tired even after numerous manual operations.

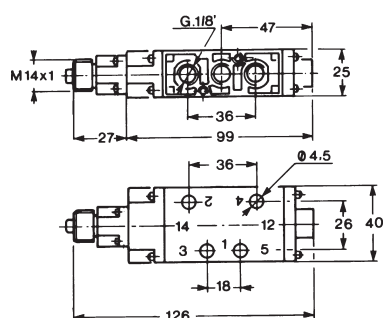
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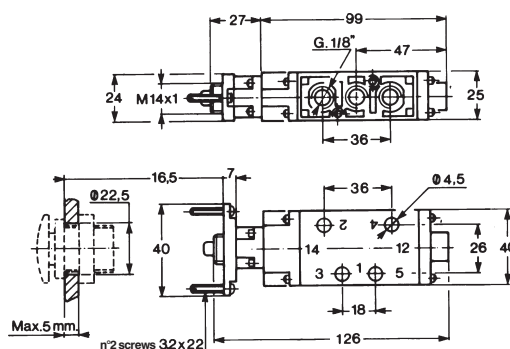
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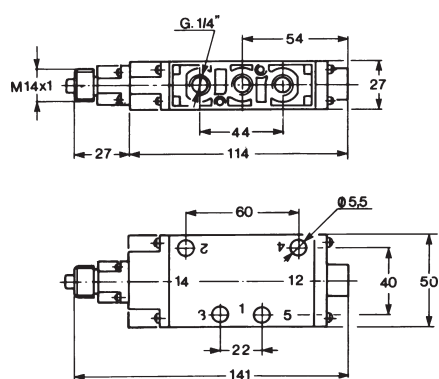
**Indirectly piloted basic valve with
ball push 5/2 - G 1/8**



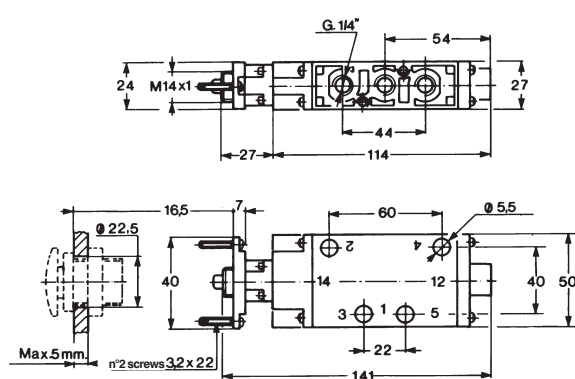
**Indirectly piloted basic valve 5/2 - G 1/8
for panel mounting**



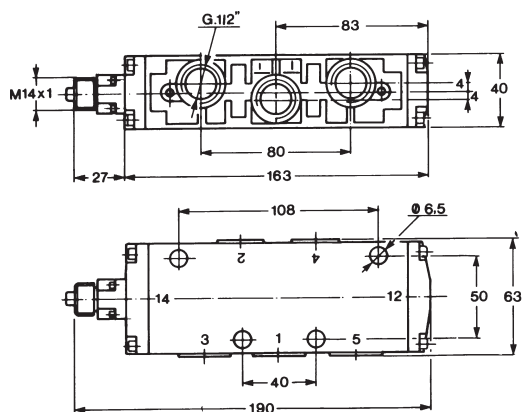
**Indirectly piloted basic valve with
ball push 5/2 - G 1/4**



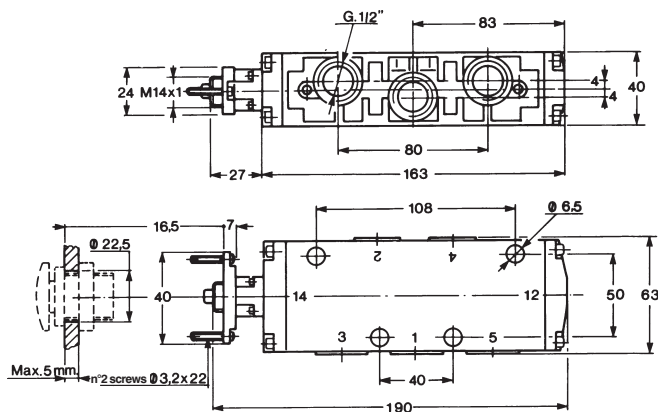
**Indirectly piloted basic valve 5/2 - G 1/4
for panel mounting**



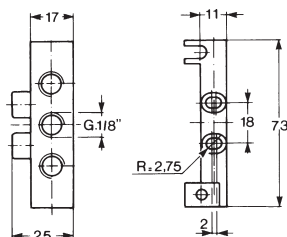
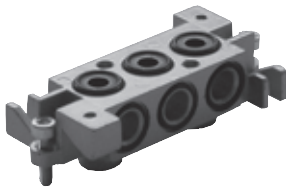
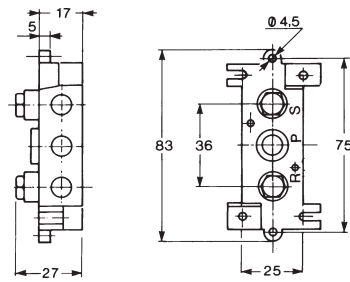
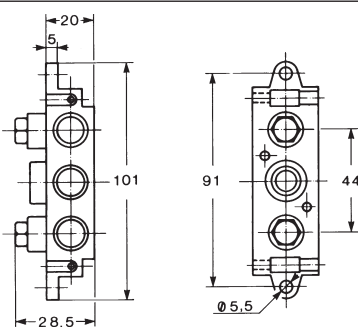
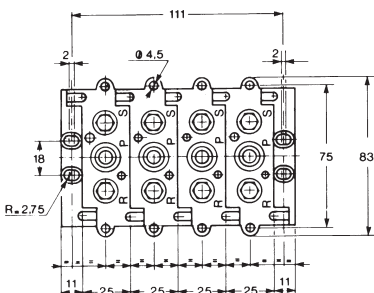
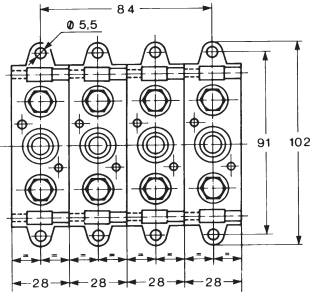
**Indirectly piloted basic valve with
ball push 5/2 - G 1/2**



**Indirectly piloted basic valve 5/2 - G 1/2
for panel mounting**



1 = Pressure, 2-4 = Consumption, 3-5 = Exhaust, 14 = Control, 12 = Return.

Type	Overall dimensions	Remarks	Connections	Material	Mass kg	Part number
Inlet plate MIXED system 5/2 - G 1/8						
 Standard screws and seals		side connections	G 1/8	zamak	0,09	AC-7905
Sub-base with threaded G 1/8 connections						
 Standard screws and seals		-	G 1/8	zamak	0,15	AC-7900
Sub-base with threaded G 1/4 connections						
 Standard screws and seals		-	G 1/4	zamak	0,22	AC-8900
Overall dimensions G 1/8  Advantages The sub-base used for MIXED valves has been designed and patented keeping in mind existing problems. - Possibility to establish the number of sub-bases required at the time of use. - Possibility to increase or reduce the number of elements without any restriction. - Quick assembly with a special standard supplied screw. - Reduction of stocks. - Easy technical intervention. - Possibility to select the functions of each manifold assembly (pressure differentiation, exhaust adjustment) by increasing or decreasing the number of the elements without restriction. G 1/4 						

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