

AF-AG

Poppet Valves G1/8 ÷ G1 1/2

WIDE RANGE

G1/8 ÷ G1 1/2
2/2 - 3/2 NC-NO

COMPRESSED AIR VERSION

VACUUM VERSION

Available also with external pilot
vacuum supply

HIGH FLOW RATE

Up to **35000 NI/min**
(G1 1/2)



		AF NI/min Compressed air	AG m³/h Vacuum
	G1/8 (Ø 5,5)	580	1,5
	G1/4 (Ø 8)	1100	4
	G3/8 (Ø 10)	1500	10
	G1/2 (Ø 15)	5400	20
	G3/4 (Ø 19)	6500	35
	G1 (Ø 25)	13500	90
	G1 1/2 (Ø 39)	35000	180

Poppet system

UNIVER Original since 1973



CHARACTERISTICS

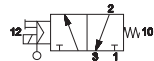
Ambient temperature							Max +50 °C	
Fluid		50 µm filtered air, with or without lubrication - vacuum						
Commutation system							poppet	
Vacuum Max							759,5 mm Hg	
Connections	G1/8	G1/4	G3/8	G1/2	G3/4	G1	G1 1/2	
Nominal bore (mm)	5,5	8	10	15	19	25	39	
Valve body		zamak (G1/8 ÷ G1), aluminium (G1 1/2)						
Seals		polyurethane conical poppets and Vulkollan diaphragm ^(a) ; silicon poppets ^(b)						
Spool		aluminium (G1/8 ÷ G3/8), steel + plastic (G1/2 ÷ G1 1/2)						
		G1/8 ÷ G3/8			G1/4 ÷ G1 1/2			
Electropilot		U1			U2			
Coil		DA			DB			
Power consumption		3,5 W (DC) - 5 VA (AC)			11 W (DC) - 10 VA (AC)			
Connector		AM-5110			AM-5111			
Voltage		12 V DC - 24 V DC - 24 V AC - 110 V AC - 230 V AC						
Manual override		2-position screw						

(a) = valve for vacuum with external air operation

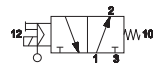
(b) = valve for direct vacuum with external vacuum operation



3/3 Solenoid valve for vacuum with external pilot air supply G1/8 ÷ G3/8



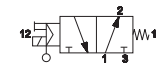
3/2 NC
AG-3001 G1/8



3/2 NO
AG-3002 G1/8

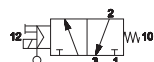


3/2 NC
AG-3009 G1/4
AG-3011 G3/8

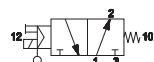


3/2 NO
AG-3010 G1/4
AG-3012 G3/8

3/2 Solenoid valve for vacuum with external pilot air supply G1/2 ÷ G1 1/2



3/2 NC
AG-3020 G1/2
AG-3040 G3/4
AG-3050 G1



3/2 NO
AG-3021 G1/2
AG-3041 G3/4
AG-3051 G1

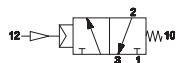


3/2 NC
AG-3062 G1 1/2



3/2 NO
AG-3063 G1 1/2

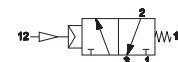
3/2 Pneumatic valve for vacuum with external air operation G1/8 ÷ G3/8



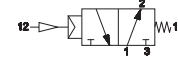
3/2 NC
AG-3071 G1/8



3/2 NO
AG-3072 G1/8



3/2 NC
AG-3073 G1/4
AG-3075 G3/8

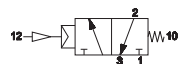


3/2 NO
AG-3074 G1/4
AG-3076 G3/8

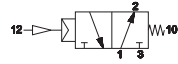
2/2 NC-NO version available upon request

Solenoid valves are supplied without coil, connector and locking nut

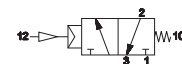
3/2 Pneumatic valves for vacuum with external air operation G1/2 ÷ G1 1/2



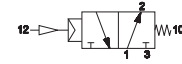
3/2 NC
AG-3081 G1/2
AG-3091 G3/4
AG-3100 G1



3/2 NO
AG-3082 G1/2
AG-3092 G3/4
AG-3101 G1

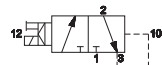


3/2 NC
AG-3110 G1 1/2

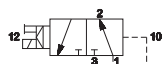


3/2 NO
AG-3111 G1 1/2

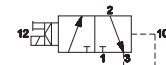
3/2 Solenoid valve for direct vacuum with external pilot vacuum supply G1/4 ÷ G1 1/2



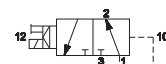
3/2 NC
AG-3210 G1/4
AG-3214 G3/8



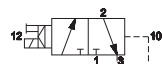
3/2 NO
AG-3211 G1/4
AG-3215 G3/8



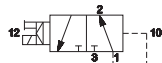
3/2 NC
AG-3222 G1/2
AG-3232 G3/4
AG-3242 G1



3/2 NO
AG-3223 G1/2
AG-3233 G3/4
AG-3243 G1

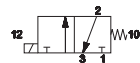


3/2 NC
AG-3256 G1 1/2

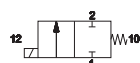


3/2 NO
AG-3257 G1 1/2

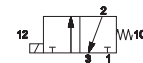
2/2 - 3/2 Solenoid valve for vacuum with direct operation G1/4 - G1/2



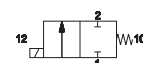
3/2 NC
AG-3310 G1/4
AG-3311 G1/4
AG-3312 G1/4
AG-3313 G1/4



2/2 NC
AG-3300 G1/4
AG-3301 G1/4
AG-3302 G1/4
AG-3303 G1/4



3/2 NC
AG-3330 G1/2
AG-3331 G1/2
AG-3332 G1/2



2/2 NC
AG-3320 G1/2
AG-3321 G1/2
AG-3322 G1/2

■ U2 - 17 VA coil



DB-0607 24V AC - 50/60 Hz
DB-0608 110V AC - 50/60 Hz
DB-0610 220V AC - 50/60 Hz

Solenoid valves are supplied without coil, connector and locking nut